

**CDPH INFECTIOUS DISEASES BRANCH (IDB)
YEARLY SUMMARIES OF SELECTED COMMUNICABLE
DISEASES IN CALIFORNIA, 2014–2022**

**Surveillance and Statistics Section
Infectious Diseases Branch
Division of Communicable Disease Control
Center for Infectious Diseases
California Department of Public Health**



**Gavin Newsom
Governor
State of California**

An [accessible Excel data file of the 2014-2022 Yearly Summaries of Selected Communicable Diseases in California](#) is available for download

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CDPH Infectious Diseases Branch (IDB) Yearly Summaries of Selected Communicable Diseases in California, 2014 – 2022: Technical Notes

Background

The California Department of Public Health (CDPH) Infectious Diseases Branch (IDB) maintains a system for the passive reporting of selected communicable disease cases and outbreaks mandated by state law and regulation.¹ Health care providers and laboratories are required to report known or suspected cases of these communicable diseases to their Local Health Department (LHD). LHDs in turn report these cases to CDPH.

These Technical Notes describe the definitions and methods used to analyze cases of selected communicable diseases reported to CDPH IDB,² as well as limitations to these analyses.

The collection and distribution of information on the health of the community is a core function and essential service of public health. The data in these yearly summaries provide important information on the magnitude and burden of selected communicable diseases in California. These surveillance data can contribute to the identification of risk groups to whom intervention strategies and actions can be targeted, and aid in assessing the effectiveness of these control and prevention measures.

Materials and methods

Case data source

Included in this document--CDPH Infectious Diseases Branch (IDB) Yearly Summaries of Selected Communicable Diseases in California, 2014-2022--are incident cases of communicable diseases that had an estimated illness onset date from January 1, 2014 through December 31, 2022. These data were extracted from California Confidential Morbidity Reports that were submitted to CDPH by July 31, 2023 and entered into the CDPH California Reportable Disease Information Exchange (CalREDIE) system or reported electronically by CalREDIE non-participating LHDs.

Data were quality checked and duplicate case records were removed based on a probabilistic data matching de-duplication algorithm. For diseases that may occur as acute and chronic conditions--such as coccidioidomycosis and brucellosis--only the first report of the condition in a given patient was included based on an evaluation by the de-duplication algorithm of historical as well as recent surveillance data.

Case inclusion criteria

LHDs--and for some diseases also CDPH--reviewed case information to determine whether surveillance case definitions were met.³ Cases were classified as Confirmed, Probable, or Suspect according to established clinical and laboratory criteria. Upon completion of case review, LHDs and/or CDPH designated cases as closed.

Reported cases of the following diseases that met criteria for a Confirmed case were included in this report: cholera, ciguatera fish poisoning (through 2018), coccidioidomycosis, domoic acid poisoning (through 2018), hantavirus infection, legionellosis, leprosy (Hansen's disease), listeriosis (through 2018), plague (human), and rabies (animal and human).

Reported cases of the following diseases that met criteria for a Confirmed or Probable case were included in this report: anaplasmosis, anthrax, babesiosis, botulism (foodborne, wound, and other), brucellosis, campylobacteriosis, chikungunya virus infection, ciguatera fish poisoning (as of 2019), Creutzfeldt-Jakob disease and other transmissible spongiform encephalopathies, cryptosporidiosis,

cyclosporiasis, cysticercosis/taeniasis, dengue, domoic acid poisoning (as of 2019), ehrlichiosis, flavivirus infection of undetermined species, giardiasis, hemolytic uremic syndrome (HUS) without evidence of Shiga toxin-producing *E. coli*, hepatitis E (acute infection), leptospirosis, listeriosis (as of 2019), Lyme disease, malaria, paralytic shellfish poisoning, paratyphoid fever, psittacosis, Q fever, relapsing fever, salmonellosis, scombroid fish poisoning, Shiga toxin-producing *E. coli* (STEC) (with and without HUS), shigellosis (Groups A, B, C, D, and Unspecified), spotted fever rickettsiosis, trichinosis, tularemia, typhoid fever, typhus fever, *Vibrio* infection (non-cholera), viral hemorrhagic fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses), yellow fever, yersiniosis, and Zika virus infection.

For reported cases of the following diseases, only those closed by CDPH were included in this report: anthrax, botulism (foodborne, wound, and other), brucellosis, chikungunya virus infection, cholera, cysticercosis/taeniasis, dengue, flavivirus infection of undetermined species, hantavirus infection, legionellosis, leptospirosis, listeriosis, Lyme disease, malaria, plague (human), psittacosis, Q fever, rabies (animal and human), relapsing fever, spotted fever rickettsiosis, trichinosis, tularemia, typhus fever, *Vibrio* infection, viral hemorrhagic fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses), and yellow fever.

For reported cases of the following diseases, only those closed by CDPH or noted by LHDs as “pending release/clearance” were included in this report: hemolytic uremic syndrome (HUS) without evidence of Shiga toxin-producing *E. coli*, paratyphoid fever, Shiga toxin-producing *E. coli* (STEC) with HUS, and typhoid fever.

For reported cases of Zika virus infection, only those closed by CDPH or noted by LHDs as “Closed to Surveillance - Open to Tracking” were included in this report.

For reported cases of the following diseases, only those closed by LHDs (or CDPH) were included in this report: anaplasmosis, babesiosis, campylobacteriosis, ciguatera fish poisoning, coccidioidomycosis, Creutzfeldt-Jakob disease and other transmissible spongiform encephalopathies, cryptosporidiosis, cyclosporiasis, domoic acid poisoning, ehrlichiosis, hepatitis E (acute infection), leprosy (Hansen's disease), paralytic shellfish poisoning, scombroid fish poisoning, and yersiniosis.

For reported cases of the following diseases, only those closed by LHDs (or CDPH) or noted by LHDs as “pending release/clearance” were included in this report: giardiasis, salmonellosis, Shiga toxin-producing *E. coli* (STEC) without HUS, and shigellosis.

For LHDs with surveillance systems that did not indicate cases' resolution status (Confirmed, Probable, Suspect) or whether cases were closed, all reported cases were included.

Population data source

For the 2014–2022 Summaries, we used State of California, Department of Finance (DOF) postcensal population projections and estimates.^{4, 5, 6, 7}

Definitions

In general, we defined a case as a person with laboratory and/or clinical evidence of infection or disease that satisfied the most recent communicable disease surveillance case definition published by the United States Centers for Disease Control and Prevention (CDC) or by the Council of State and Territorial Epidemiologists.

Estimated date of illness onset was defined as the date closest to the time when symptoms first appeared. For cases for which an illness onset date was not explicitly reported, estimated date of

illness onset was selected as the earliest of: date of diagnosis, date the case was reported to or received by CDPH, date of laboratory specimen collection, or date of patient death.

Cases were classified to local health jurisdiction according to the case-patient's county of residence. This classification may not correspond to the county where the case-patient was exposed, sought medical care, or was diagnosed.

Sex categories were defined as Female, Male, and Unknown. Because the number of transgender case-patients was small (0.03% of all cases), case-patients who reported male-to-female transgender were categorized as Female, and those who reported female-to-male transgender were categorized as Male.

Mutually exclusive race/ethnicity categories were defined as follows: Hispanic/Latino (of any, including unknown, race), and non-Hispanic White, Black, Asian/Pacific Islander, American Indian/Alaska Native, Multiple Race, and Other. Cases for which race and ethnicity were not reported were categorized as Unknown.

Data analyses

We reported case totals and incidence rates (IR) stratified by estimated year of illness onset, age group, and local health jurisdiction.

- Incidence rate (IR) = Number of cases per 100,000 population per year
- Standard error (SE) = $IR/\sqrt{\text{number of cases}}$
- Relative standard error = $SE/IR \times 100$

We defined an IR as unstable if the relative standard error was 23 percent or more of the IR estimate (a threshold recommended by the National Center for Health Statistics).⁸

Tables and figures

The following tables and figures are included in this report; please note that the tables and figures may be altered or suppressed to minimize depiction of unreliable IRs and to prevent case-patient re-identification:

Tables:

- *Cases and IRs by health jurisdiction*
- *Cases by month of estimated illness onset*
- *Cases and IRs by sex*
- *Cases and IRs by age group*
- *Cases by race/ethnicity*

Figures:

- *Cases and IRs by year of estimated illness onset*
- *IRs by age group and year of estimated illness onset*
- *Cases and population by race/ethnicity*

Limitations

Completeness and timeliness of reporting

The numbers of cases reported for some diseases may underestimate the true magnitude of disease. Among factors that can contribute to under-reporting are: delays in notification, limited collection or

appropriate testing of specimens, obstacles or impediments to ill persons seeking health care, limited resources and competing priorities in LHDs, and inexhaustive reporting by clinicians and laboratories.

The lower numbers of cases in 2020 compared to 2019 for many diseases described in this report may reflect the impact of the Coronavirus Disease 2019 (COVID-19) pandemic, which in the U.S. became more widely spread starting in 2020. For instance, the pandemic may have led to decreased transmission of the infectious diseases included in this report due to the adoption of social distancing and mask-wearing prevention measures, as well as decreased reporting due to lack of care seeking and diagnosis.

Among factors that can enhance efficiency of disease reporting are disease severity, infrequent or rare occurrence of the condition, the availability of new or less expensive diagnostic tests, expansion of criteria that define a case, recent media attention or public interest, and active surveillance activities.

During the nine-year surveillance period (2014–2022), CDC and CDPH IDB conducted active surveillance for selected diseases in Alameda, Contra Costa, and San Francisco counties through the California Emerging Infections Program (CEIP). CEIP conducted active laboratory-based surveillance of campylobacteriosis, cryptosporidiosis, cyclosporiasis, listeriosis, salmonellosis, Shiga toxin-producing *E. coli* (STEC), shigellosis, *Vibrio* infection, yersiniosis, and pediatric hemolytic uremic syndrome.

California is a diverse state, and different communities experience a wide range of factors that can increase or decrease health risks. To better assess health risk and identify health related disparities, CDPH collects demographic information, when available. In addition to general categories of sex, race, and ethnicity defined by national data standards, CDPH also collects data on sexual orientation and gender identity, and more detailed data on ethnicity. Presenting data disaggregated into more detailed groups can illuminate health disparities that may be masked when collapsing data only into general categories. When possible, data reports issued by the Center for Infectious Diseases (CID) will include disaggregated data. However, due to limitations in the data received by CID, disaggregated data may not always be available for presentation. Reasons that disaggregated data may not be presented include incomplete or missing data and patient data privacy requirements.

Because race/ethnicity information was missing or incomplete for 26 percent of all 2014-2022 cases included in this report, IRs by race/ethnicity were not calculated. However, the proportion of cases representing race/ethnicity categories for selected diseases are presented alongside statewide averages for these categories during the nine-year surveillance period. Nonetheless, race/ethnicity information based on a high percentage of missing data should be interpreted with caution.

Data presented in this report may differ from previously published data due to delays inherent to case reporting, laboratory reporting, and epidemiologic investigation.

Small numbers and rate variability

All IRs are subject to random variation. Random variation may be substantial when the number of cases is small (e.g., less than 20) and can obscure distinguishing random statistical fluctuations from true changes in the incidence of disease. Rates and proportions based on small numbers of cases should be interpreted with caution.

Data were evaluated for potential reidentification due to small numbers based on a scoring criteria developed by the California Department of Health Care Services.⁹ All data that required masking according to the scoring criteria were suppressed.

Rate comparisons

Incidence rate comparisons between local health jurisdictions and surveillance years should be made with caution.

Accessibility

An [accessible Excel data file](#) is available for this report. Accessible data for all selected diseases are grouped into the following tables:

- *Cases and Rates in California by Year of Estimated Illness Onset, 2014-2022*
- *Cases and Rates by Local Health Jurisdiction and Year of Estimated Illness Onset, California, 2014-2022*
- *Cases by Month of Estimated Illness Onset, California, 2014-2022*
- *Cases and Rates by Sex, California, 2014-2022*
- *Cases and Rates by Age Group and Year of Estimated Illness Onset, California, 2014-2022*
- *Cases by Race/Ethnicity and Year of Estimated Illness Onset, California, 2014-2022*
- *Average Incidence Rates by Age Group, California, 2014-2022*
- *Cases and Population by Race/Ethnicity, California, 2014-2022*

References

¹ [California Code of Regulations, Title 17, Sections 2500.](#)

<https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/ReportableDiseases.pdf>

² CDPH IDB assumed responsibility for surveillance of human West Nile Virus (WNV) infection and St. Louis Encephalitis Virus (SLEV) infection in late 2017 and is not including WNV or SLEV data in this report. For [human WNV data from 2003 onward](#), please see

https://westnile.ca.gov/resources_reports.php?report_category_id=1. For [SLEV data from 2017 onward](#), please see <https://westnile.ca.gov/sle.ph>.

³ [Centers for Disease Control and Prevention, National Notifiable Diseases Surveillance System.](#)

<https://www.cdc.gov/nndss/index.html>

⁴ State of California, Department of Finance, Demographic Research Unit. Race/Ethnicity by Sex and Single Year of Age: 2010-2019, custom run for California Department of Public Health. Sacramento, California, October 2023. (Available by Request)

⁵ State of California, Department of Finance, Demographic Research Unit. P-3 State and County Population Projections by Race/Ethnicity and Detailed Age, 2020–2060. Sacramento, California, July 2023.

⁶ State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the State, 2011–2020, with 2010 Census Benchmark. Sacramento, California, May 2022.

⁷ State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the State, 2021–2023, with 2020 Census Benchmark. Sacramento, California, May 2023.

⁸ Xu JQ, Murphy SL, Kochanek KD, Bastian B, Arias E. [Deaths: Final data for 2016. National Vital](#)

[Statistics Reports](https://www.cdc.gov/nchs/data/nvsr/nvsr67/nvsr67_05.pdf); vol 67 no 5. Hyattsville, MD: National Center for Health Statistics. 2018.
https://www.cdc.gov/nchs/data/nvsr/nvsr67/nvsr67_05.pdf

⁹ [Data De-identification Guidelines \(DDG\)](https://www.dhcs.ca.gov/dataandstats/Documents/DHCS-DDG-V2.1-010821%20(1).pdf). Department of Health Care Services, State of California website. Accessed October 22, 2023. [https://www.dhcs.ca.gov/dataandstats/Documents/DHCS-DDG-V2.1-010821%20\(1\).pdf](https://www.dhcs.ca.gov/dataandstats/Documents/DHCS-DDG-V2.1-010821%20(1).pdf)

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Anaplasmosis

Anaplasmosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	5	0.0*	4	0.0*	6	0.0*	8	0.0*	7	0.0*	6	0.0*	7	0.0*	14	0.0*	16	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	0	-
ALAMEDA	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	0	-
BERKELEY	0	-	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	2	0.2*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.7*	0	-	0	-	1	0.7*	0	-	1	0.7*	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.5*	0	-
LASSEN	0	-	1	3.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	1	0.0*	2	0.0*
LOS ANGELES	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	1	0.0*	2	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	2	0.8*	1	0.4*	0	-	1	0.4*	5	1.9*	8	3.1*
MARIPOSA	1	5.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	2	2.2*	0	-	1	1.1*	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
SAN FRANCISCO	0	-	1	0.1*	0	-	0	-	0	-	0	-	3	0.3*	0	-	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	1	0.4*	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	2	0.4*	1	0.2*	1	0.2*	0	-	0	-	0	-
SANTA CLARA	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	1	0.1*
SANTA CRUZ	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	1	0.2*	1	0.2*	0	-	0	-	3	0.6*	1	0.2*	1	0.2*
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Anaplasmosis

Anaplasmosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	5	4	6	8	7	6	7	14	16	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	1	
MARCH	0	0	0	0	0	0	0	0	0	
APRIL	0	0	0	0	0	0	0	5	1	
MAY	1	1	0	2	1	0	3	0	3	
JUNE	1	1	2	3	2	3	1	3	5	
JULY	0	1	2	1	0	2	2	5	2	
AUGUST	0	0	1	1	3	1	1	0	2	
SEPTEMBER	0	0	0	0	1	0	0	1	1	
OCTOBER	0	0	0	1	0	0	0	0	0	
NOVEMBER	1	1	0	0	0	0	0	0	1	
DECEMBER	2	0	1	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Anaplasmosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014	2015	2016	2017	2018	2019	2020	2021	2022									
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE								
TOTAL	5	0.0*	4	0.0*	6	0.0*	8	0.0*	7	0.0*	6	0.0*	7	0.0*	14	0.0*	16	0.0*
FEMALE	3	0.0*	3	0.0*	5	0.0*	4	0.0*	3	0.0*	1	0.0*	1	0.0*	3	0.0*	7	0.0*
MALE	2	0.0*	1	0.0*	1	0.0*	4	0.0*	4	0.0*	5	0.0*	6	0.0*	11	0.1*	9	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Anaplasmosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014	2015	2016	2017	2018	2019	2020	2021	2022									
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE								
TOTAL	5	0.0*	4	0.0*	6	0.0*	8	0.0*	7	0.0*	6	0.0*	7	0.0*	14	0.0*	16	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
15-24	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
25-34	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*
35-44	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
45-54	2	0.0*	0	-	1	0.0*	0	-	2	0.0*	0	-	2	0.0*	4	0.1*	1	0.0*
55-64	0	-	0	-	2	0.0*	3	0.1*	2	0.0*	2	0.0*	0	-	1	0.0*	5	0.1*
65+	1	0.0*	4	0.1*	1	0.0*	3	0.1*	1	0.0*	3	0.0*	4	0.1*	8	0.1*	8	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

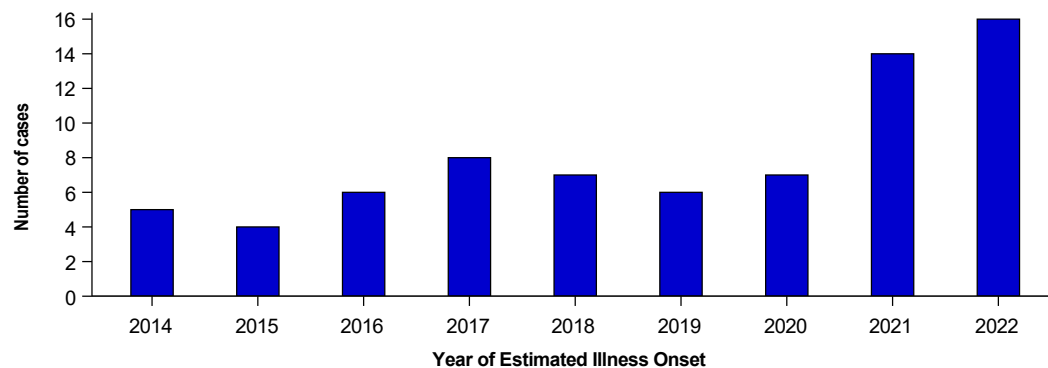
*Potentially unreliable rate: relative standard error 23 percent or more.

Anaplasmosis, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	5	4	6	8	7	6	7	14	16	
WHITE, NON-HISPANIC	1	2	0	2	3	5	5	10	11	
HISPANIC/LATINO	0	0	0	0	0	0	2	1	2	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	1	0	1	0	0	1	1	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	1	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	1	0	0	0	0	
UNKNOWN	4	2	5	5	2	1	0	2	2	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Anaplasmosis Cases by Year of Estimated Illness Onset, California, 2014-2022



Anthrax

No cases of Anthrax were reported to CDPH with illness onset during 2014-2022

Babesiosis

Babesiosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2	0.0*	6	0.0*	5	0.0*	6	0.0*	6	0.0*	5	0.0*	1	0.0*	6	0.0*	7	0.0*
ALAMEDA COUNTY TOTAL	0	-	2	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
ALAMEDA	0	-	2	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	3	0.0*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	3	0.0*	3	0.0*
LOS ANGELES	1	0.0*	2	0.0*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	3	0.0*	2	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
PASADENA	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	1	0.0*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	1	0.0*	1	0.0*	3	0.1*	2	0.1*	0	-	0	-	1	0.0*
SAN FRANCISCO	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	1	0.1*	0	-	1	0.1*	2	0.1*	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-
SHASTA	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Babesiosis

Babesiosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	2	6	5	6	6	5	1	6	7	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	
MARCH	0	0	0	0	0	0	0	0	0	
APRIL	0	0	0	1	0	0	0	0	0	
MAY	0	0	0	0	1	1	0	0	0	
JUNE	0	1	1	1	0	0	0	2	1	
JULY	1	2	2	4	4	2	0	1	4	
AUGUST	1	3	1	0	0	1	1	1	2	
SEPTEMBER	0	0	0	0	1	1	0	0	0	
OCTOBER	0	0	0	0	0	0	0	1	0	
NOVEMBER	0	0	1	0	0	0	0	1	0	
DECEMBER	0	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Babesiosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET															
	2014	2015	2016	2017	2018	2019	2020	2021	2022							
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE						
TOTAL	2	0.0*	6	0.0*	5	0.0*	6	0.0*	5	0.0*	1	0.0*	6	0.0*	7	0.0*
FEMALE	2	0.0*	0	-	2	0.0*	3	0.0*	3	0.0*	0	-	3	0.0*	3	0.0*
MALE	0	-	6	0.0*	3	0.0*	3	0.0*	3	0.0*	2	0.0*	1	0.0*	3	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Babesiosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET															
	2014	2015	2016	2017	2018	2019	2020	2021	2022							
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE						
TOTAL	2	0.0*	6	0.0*	5	0.0*	6	0.0*	5	0.0*	1	0.0*	6	0.0*	7	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
25-34	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
35-44	0	-	1	0.0*	0	-	2	0.0*	1	0.0*	0	-	0	-	0	-
45-54	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	2	0.0*	1	0.0*
55-64	0	-	2	0.0*	3	0.1*	0	-	0	-	1	0.0*	0	-	1	0.0*
65+	1	0.0*	3	0.1*	1	0.0*	3	0.1*	3	0.0*	0	-	3	0.0*	4	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

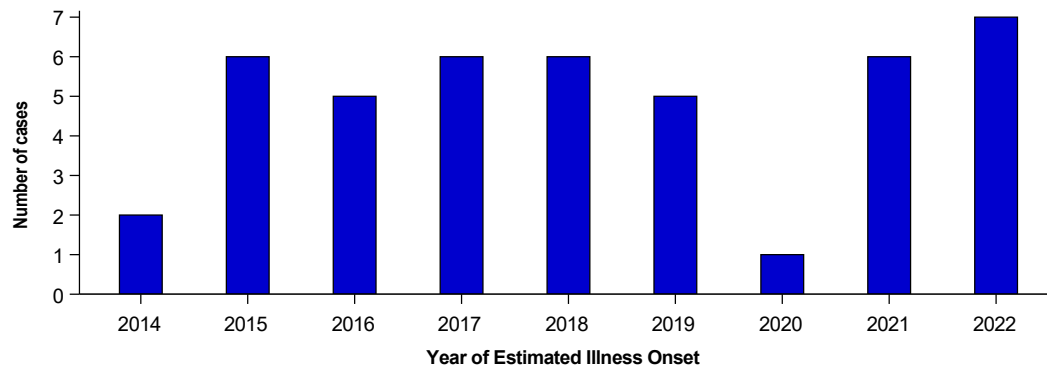
*Potentially unreliable rate: relative standard error 23 percent or more.

Babesiosis, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	2	6	5	6	6	5	1	6	7	
WHITE, NON-HISPANIC	1	3	4	3	2	2	1	5	3	
HISPANIC/LATINO	0	0	0	0	2	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	2	0	1	0	2	0	0	1	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	1	0	1	0	
UNKNOWN	1	1	1	2	2	0	0	0	3	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Babesiosis Cases by Year of Estimated Illness Onset, California, 2014-2022



Botulism, Foodborne

Botulism, Foodborne, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	1	0.0*	5	0.0*	15	0.0*	0	-	2	0.0*	0	-	1	0.0*	2	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	1	4.6*	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	2	0.1*	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-
SACRAMENTO	0	-	0	-	0	-	4	0.3*	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	4	0.5*	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	2	0.1*	0	-	0	-	0	-	0	-	0	-	1	0.1*
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Foodborne

Botulism, Foodborne, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	0	1	5	15	0	2	0	1	2	
JANUARY	0	0	0	0	0	1	0	0	0	
FEBRUARY	0	0	0	1	0	0	0	0	0	
MARCH	0	0	0	1	0	0	0	0	0	
APRIL	0	1	1	9	0	0	0	0	0	
MAY	0	0	0	3	0	0	0	0	0	
JUNE	0	0	1	0	0	0	0	0	0	
JULY	0	0	0	0	0	0	0	0	0	
AUGUST	0	0	0	1	0	1	0	0	2	
SEPTEMBER	0	0	0	0	0	0	0	0	0	
OCTOBER	0	0	2	0	0	0	0	1	0	
NOVEMBER	0	0	1	0	0	0	0	0	0	
DECEMBER	0	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Foodborne, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	1	0.0*	5	0.0*	15	0.0*	0	-	2	0.0*	0	-	1	0.0*	2	0.0*
FEMALE	0	-	0	-	3	0.0*	7	0.0*	0	-	1	0.0*	0	-	0	-	0	-
MALE	0	-	1	0.0*	2	0.0*	8	0.0*	0	-	1	0.0*	0	-	1	0.0*	2	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Foodborne, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	1	0.0*	5	0.0*	15	0.0*	0	-	2	0.0*	0	-	1	0.0*	2	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	3	0.1*	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	1	0.0*	0	-
35-44	0	-	0	-	0	-	4	0.1*	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	2	0.0*	2	0.0*	0	-	0	-	0	-	0	-	1	0.0*
65+	0	-	1	0.0*	3	0.1*	4	0.1*	0	-	2	0.0*	0	-	0	-	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

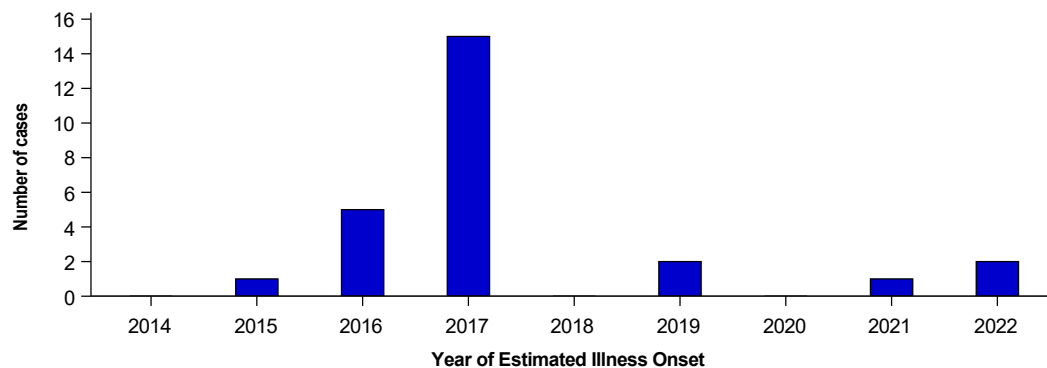
*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Foodborne, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	0	1	5	15	0	2	0	1	2	
WHITE, NON-HISPANIC	0	0	2	1	0	2	0	0	0	
HISPANIC/LATINO	0	0	0	8	0	0	0	1	1	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	1	3	4	0	0	0	0	1	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	1	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
UNKNOWN	0	0	0	1	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Foodborne Cases by Year of Estimated Illness Onset, California, 2014-2022



Botulism, Wound

Botulism, Wound, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	26	0.1	17	0.0*	26	0.1	22	0.1	50	0.1	30	0.1	42	0.1	51	0.1	27	0.1
ALAMEDA COUNTY TOTAL	3	0.2*	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
ALAMEDA	3	0.2*	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	1	0.4*	0	-	2	1.0*	3	1.5*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	0	-	3	0.3*	2	0.2*	3	0.3*	1	0.1*	0	-	4	0.4*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	1	3.6*	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	2	1.5*	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	2	1.1*	1	0.6*	0	-	0	-	1	0.6*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	1	0.1*	0	-	1	0.1*	2	0.2*	1	0.1*	1	0.1*	0	-	2	0.2*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	2	0.0*	6	0.1*	1	0.0*	8	0.1*	6	0.1*	9	0.1*	7	0.1*	3	0.0*
LOS ANGELES	1	0.0*	2	0.0*	6	0.1*	1	0.0*	8	0.1*	6	0.1*	9	0.1*	6	0.1*	3	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	1	1.1*	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	3	0.7*
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	3	0.1*	3	0.1*	3	0.1*	1	0.0*	1	0.0*	0	-	1	0.0*	3	0.1*	3	0.1*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	2	0.1*	2	0.1*	3	0.1*	3	0.1*	3	0.1*	2	0.1*	2	0.1*	3	0.1*	3	0.1*
SACRAMENTO	3	0.2*	0	-	1	0.1*	1	0.1*	4	0.3*	1	0.1*	6	0.4*	8	0.5*	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	3	0.1*	2	0.1*	3	0.1*	5	0.2*	4	0.2*	7	0.3*	3	0.1*	8	0.4*	3	0.1*
SAN DIEGO	2	0.1*	0	-	0	-	4	0.1*	7	0.2*	2	0.1*	0	-	1	0.0*	4	0.1*
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	2	0.2*	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	4	0.5*	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	1	0.2*	2	0.5*	0	-	1	0.2*	1	0.2*	1	0.2*	2	0.4*	2	0.5*	0	-
SANTA CLARA	1	0.1*	0	-	1	0.1*	0	-	3	0.2*	1	0.1*	3	0.2*	1	0.1*	2	0.1*
SANTA CRUZ	0	-	0	-	2	0.7*	0	-	0	-	1	0.4*	1	0.4*	1	0.4*	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
SONOMA	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	1	0.2*	2	0.4*	0	-	0	-	3	0.5*	3	0.5*	3	0.5*	1	0.2*	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	1	1.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	1	1.8*	0	-	0	-
VENTURA	2	0.2*	1	0.1*	1	0.1*	1	0.1*	3	0.4*	0	-	3	0.4*	3	0.4*	1	0.1*
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: The 2014 Santa Clara case was a Santa Clara resident who was diagnosed, treated, and tested out of state.

Botulism, Wound

Botulism, Wound, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	26	17	26	22	50	30	42	51	27	
JANUARY	2	0	0	1	4	0	4	2	2	
FEBRUARY	2	2	5	1	2	4	0	6	2	
MARCH	2	3	4	0	3	1	1	8	0	
APRIL	5	0	1	1	6	2	3	1	2	
MAY	1	3	4	4	4	1	3	3	3	
JUNE	3	1	4	0	5	2	2	6	3	
JULY	2	2	1	4	2	4	3	6	3	
AUGUST	0	2	0	4	6	2	2	3	2	
SEPTEMBER	2	1	4	3	6	6	3	6	5	
OCTOBER	0	0	1	2	5	5	7	3	3	
NOVEMBER	5	3	0	1	4	1	8	0	1	
DECEMBER	2	0	2	1	3	2	6	7	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Wound, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	26	0.1	17	0.0*	26	0.1	22	0.1	50	0.1	30	0.1	42	0.1	51	0.1	27	0.1
FEMALE	6	0.0*	3	0.0*	7	0.0*	5	0.0*	14	0.1*	4	0.0*	8	0.0*	12	0.1*	5	0.0*
MALE	20	0.1	14	0.1*	19	0.1	17	0.1*	36	0.2	26	0.1	33	0.2	39	0.2	22	0.1
UNKNOWN	0	-	0	-	0	-	0	-	0	-	0	-	1	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Wound, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	26	0.1	17	0.0*	26	0.1	22	0.1	50	0.1	30	0.1	42	0.1	51	0.1	27	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
15-24	3	0.1*	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-
25-34	6	0.1*	1	0.0*	5	0.1*	3	0.1*	10	0.2*	7	0.1*	9	0.2*	11	0.2*	4	0.1*
35-44	5	0.1*	2	0.0*	4	0.1*	5	0.1*	11	0.2*	6	0.1*	11	0.2*	8	0.2*	6	0.1*
45-54	3	0.1*	3	0.1*	11	0.2*	6	0.1*	13	0.3*	9	0.2*	8	0.2*	6	0.1*	4	0.1*
55-64	8	0.2*	10	0.2*	4	0.1*	5	0.1*	13	0.3*	7	0.1*	14	0.3*	22	0.5	9	0.2*
65+	1	0.0*	0	-	2	0.0*	2	0.0*	2	0.0*	1	0.0*	0	-	3	0.0*	4	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

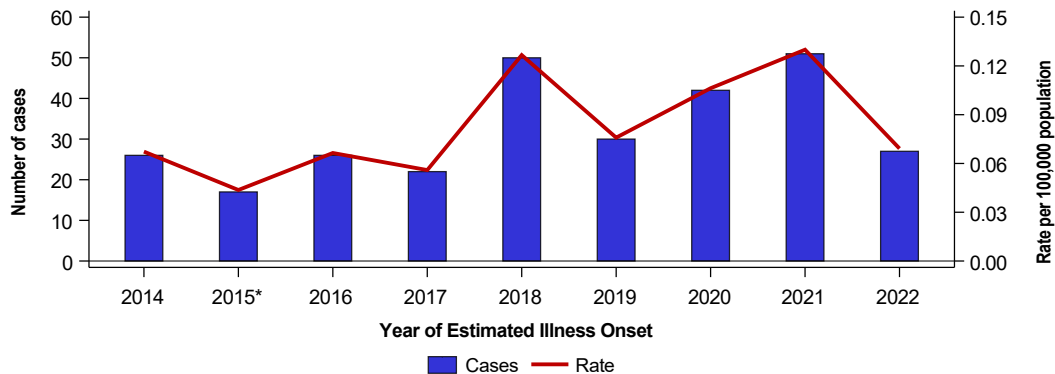
*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Wound, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	26	17	26	22	50	30	42	51	27	
WHITE, NON-HISPANIC	11	4	11	8	22	12	18	22	5	
HISPANIC/LATINO	10	7	10	9	19	8	13	17	16	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	0	1	0	
BLACK, NON-HISPANIC	1	0	0	0	2	0	1	1	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	1	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	2	2	2	1	
UNKNOWN	4	6	5	5	7	8	8	8	4	

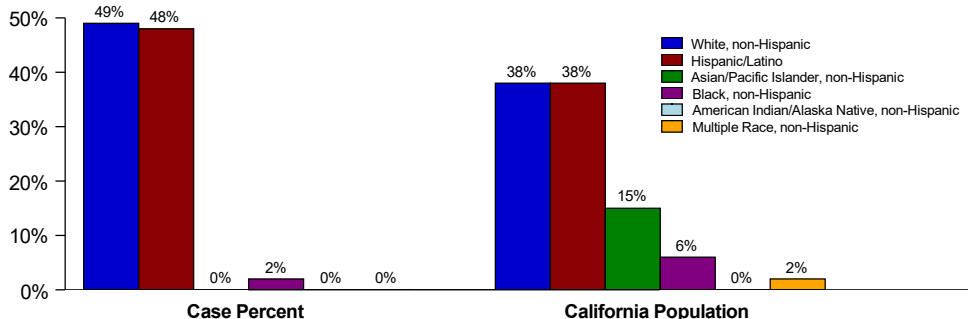
For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Wound Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Wound Cases and Population by Race/Ethnicity, California, 2014-2022



18.9% (n=55) of reported incidents of Botulism, Wound did not identify race/ethnicity and 2.4% (n=7) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Botulism, Other

Botulism, Other, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	0	0	0	0	3	0.0*	0	0	0	0	1	0.0*	1	0.0*	3	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	2	0.0*	0	0	0	0	0	0	0	0	1	0.0*
LOS ANGELES	0	-	0	-	0	-	2	0.0*	0	0	0	0	0	0	0	0	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	1	0.0*	0	0	0	0	0	0	0	0	0	0
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Other

Botulism, Other, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	1	0	0	3	0	0	1	1	3	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	
MARCH	1	0	0	0	0	0	0	0	0	
APRIL	0	0	0	0	0	0	0	0	0	
MAY	0	0	0	1	0	0	1	1	0	
JUNE	0	0	0	0	0	0	0	0	0	
JULY	0	0	0	0	0	0	0	0	1	
AUGUST	0	0	0	0	0	0	0	0	0	
SEPTEMBER	0	0	0	0	0	0	0	0	0	
OCTOBER	0	0	0	0	0	0	0	0	1	
NOVEMBER	0	0	0	2	0	0	0	0	0	
DECEMBER	0	0	0	0	0	0	0	0	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Other, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	0	-	3	0.0*	0	-	0	-	1	0.0*	1	0.0*	3	0.0*
FEMALE	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	1	0.0*	2	0.0*
MALE	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Other, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	0	-	3	0.0*	0	-	0	-	1	0.0*	1	0.0*	3	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*
35-44	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	2	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

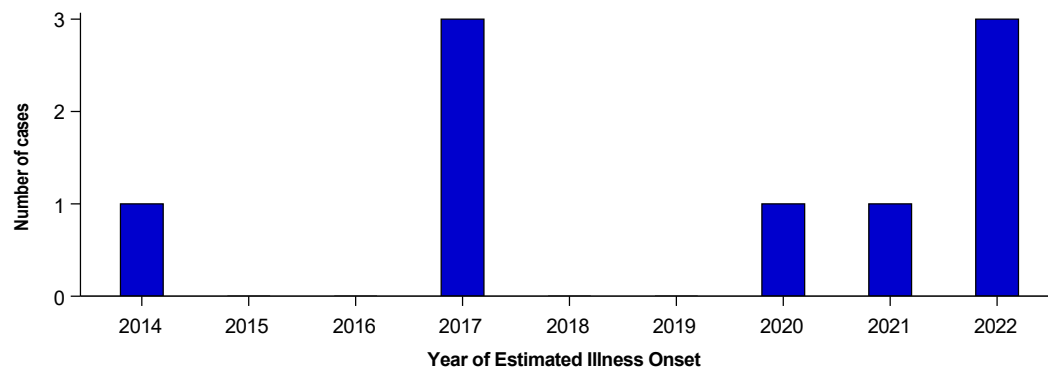
*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Other, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	1	0	0	3	0	0	1	1	3	
WHITE, NON-HISPANIC	1	0	0	2	0	0	0	1	2	
HISPANIC/LATINO	0	0	0	0	0	0	0	0	1	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
BLACK, NON-HISPANIC	0	0	0	1	0	0	1	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
UNKNOWN	0	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Other Cases by Year of Estimated Illness Onset, California, 2014-2022



Brucellosis

Brucellosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	21	0.1	33	0.1	20	0.1	30	0.1	38	0.1	34	0.1	20	0.1	31	0.1	34	0.1
ALAMEDA COUNTY TOTAL	0	-	3	0.2*	1	0.1*	2	0.1*	0	-	1	0.1*	0	-	1	0.1*	4	0.2*
ALAMEDA	0	-	2	0.1*	1	0.1*	2	0.1*	0	-	1	0.1*	0	-	1	0.1*	4	0.3*
BERKELEY	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	1	0.5*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	1	4.6*	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	3	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	2	0.2*	0	-	2	0.2*	2	0.2*	3	0.3*	0	-	0	-	3	0.3*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	1	0.6*	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	1	0.1*	0	-	0	-	1	0.1*	2	0.2*	5	0.6*	1	0.1*	1	0.1*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*
LAKE	0	-	1	1.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	6	0.1*	8	0.1*	5	0.0*	9	0.1*	11	0.1*	10	0.1*	4	0.0*	1	0.0*	8	0.1*
LOS ANGELES	6	0.1*	8	0.1*	5	0.1*	9	0.1*	10	0.1*	9	0.1*	4	0.0*	1	0.0*	8	0.1*
LONG BEACH	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	1	0.4*	0	-	0	-	1	0.4*	1	0.4*	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-
NAPA	0	-	0	-	0	-	2	1.4*	0	-	0	-	0	-	0	-	0	-
NEVADA	1	1.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	2	0.1*	6	0.2*	2	0.1*	2	0.1*	2	0.1*	2	0.1*	2	0.1*	2	0.1*	1	0.0*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	0	-	2	0.1*	0	-
SACRAMENTO	0	-	0	-	2	0.1*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	1	1.6*	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	1	0.0*	2	0.1*	1	0.0*	1	0.0*	2	0.1*	3	0.1*	2	0.1*
SAN DIEGO	1	0.0*	1	0.0*	3	0.1*	4	0.1*	2	0.1*	1	0.0*	0	-	3	0.1*	7	0.2*
SAN FRANCISCO	0	-	0	-	0	-	0	-	5	0.6*	2	0.2*	1	0.1*	0	-	1	0.1*
SAN JOAQUIN	2	0.3*	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	2	0.3*	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	2	0.3*
SANTA BARBARA	1	0.2*	1	0.2*	0	-	0	-	4	0.9*	1	0.2*	1	0.2*	1	0.2*	1	0.2*
SANTA CLARA	0	-	0	-	2	0.1*	1	0.1*	1	0.1*	2	0.1*	0	-	6	0.3*	0	-
SANTA CRUZ	0	-	0	-	1	0.4*	0	-	2	0.7*	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	1	0.2*	0	-	1	0.2*	1	0.2*	0	-	0	-	1	0.2*	0	-
STANISLAUS	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	2	0.2*	1	0.1*	0	-	1	0.1*	2	0.2*	3	0.4*	0	-	0	-	1	0.1*
YOLO	0	-	2	1.0*	0	-	0	-	0	-	0	-	0	-	4	1.9*	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Brucellosis

Brucellosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	21	33	20	30	38	34	20	31	34	
JANUARY	1	2	2	1	0	3	0	1	7	
FEBRUARY	3	2	3	3	2	2	3	1	2	
MARCH	1	3	5	5	7	2	3	3	2	
APRIL	2	5	3	1	7	4	0	4	4	
MAY	2	5	2	1	6	0	1	1	5	
JUNE	1	3	1	3	3	4	3	3	3	
JULY	1	3	0	5	2	4	3	2	4	
AUGUST	5	1	2	3	3	3	0	2	1	
SEPTEMBER	3	4	2	2	1	2	2	5	2	
OCTOBER	1	3	0	3	1	4	2	5	1	
NOVEMBER	0	2	0	2	2	4	3	1	2	
DECEMBER	1	0	0	1	4	2	0	3	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Brucellosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	33	0.1	20	0.1	30	0.1	38	0.1	34	0.1	20	0.1	31	0.1	34	0.1
FEMALE	8	0.0*	17	0.1*	10	0.1*	14	0.1*	18	0.1*	16	0.1*	9	0.0*	19	0.1	14	0.1*
MALE	13	0.1*	16	0.1*	10	0.1*	16	0.1*	20	0.1	18	0.1*	10	0.1*	12	0.1*	20	0.1
UNKNOWN	0	-	0	-	0	-	0	-	0	-	0	-	1	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Brucellosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	33	0.1	20	0.1	30	0.1	38	0.1	34	0.1	20	0.1	31	0.1	34	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
1-4	1	0.1*	0	-	0	-	2	0.1*	1	0.1*	0	-	2	0.1*	1	0.1*	0	-
5-9	1	0.0*	1	0.0*	0	-	1	0.0*	2	0.1*	0	-	0	-	0	-	1	0.0*
10-14	0	-	0	-	1	0.0*	3	0.1*	3	0.1*	2	0.1*	1	0.0*	1	0.0*	0	-
15-24	2	0.0*	4	0.1*	0	-	1	0.0*	2	0.0*	1	0.0*	2	0.0*	1	0.0*	1	0.0*
25-34	3	0.1*	5	0.1*	3	0.1*	3	0.1*	6	0.1*	4	0.1*	2	0.0*	5	0.1*	3	0.1*
35-44	0	-	5	0.1*	1	0.0*	1	0.0*	4	0.1*	8	0.2*	0	-	3	0.1*	3	0.1*
45-54	2	0.0*	5	0.1*	1	0.0*	3	0.1*	6	0.1*	6	0.1*	2	0.0*	5	0.1*	4	0.1*
55-64	5	0.1*	6	0.1*	5	0.1*	7	0.1*	5	0.1*	3	0.1*	4	0.1*	4	0.1*	6	0.1*
65+	7	0.1*	7	0.1*	9	0.2*	9	0.2*	9	0.2*	10	0.2*	6	0.1*	10	0.2*	16	0.2*
UNKNOWN	0	-	0	-	0	-	0	-	0	-	0	-	1	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

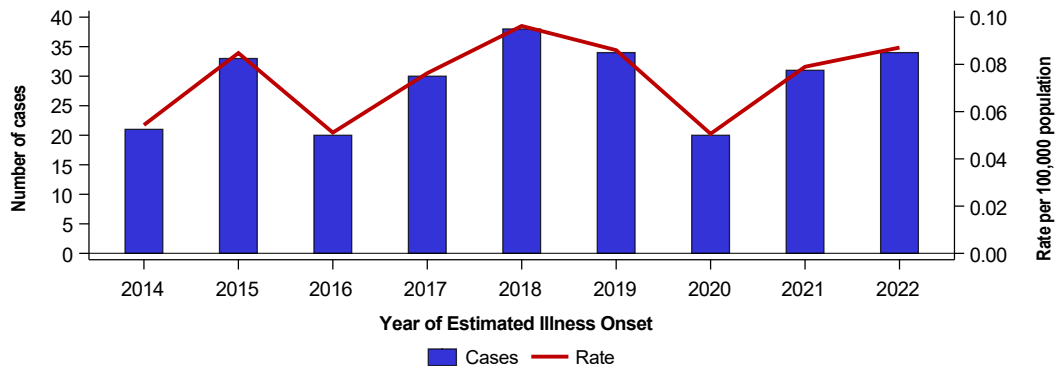
*Potentially unreliable rate: relative standard error 23 percent or more.

Brucellosis, Cases by Race/Ethnicity, California, 2014-2022

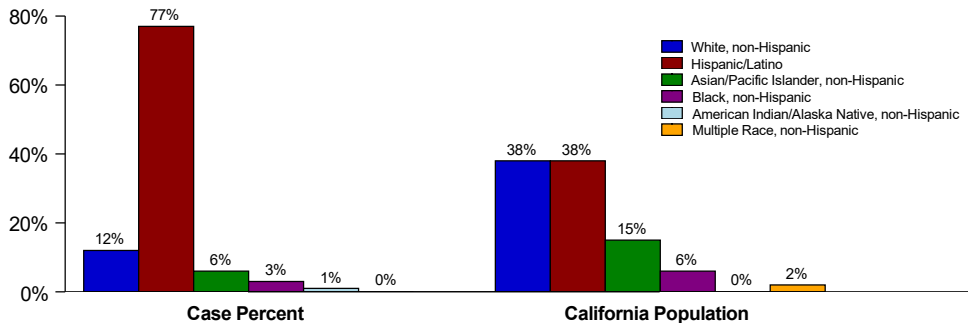
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	21	33	20	30	38	34	20	31	34		
WHITE, NON-HISPANIC	2	3	1	7	4	5	1	3	2		
HISPANIC/LATINO	15	24	15	16	29	23	13	17	27		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	1	2	2	2	1	4	2	0		
BLACK, NON-HISPANIC	0	1	0	0	0	2	0	3	1		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	2	0	0	0		
MULTIPLE RACE, NON-HISPANIC	1	0	0	0	0	0	0	0	0		
OTHER, NON-HISPANIC	1	0	2	2	1	0	0	3	1		
UNKNOWN	2	4	0	3	2	1	2	3	3		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Brucellosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



Brucellosis Cases and Population by Race/Ethnicity, California, 2014-2022



7.7% (n=20) of reported incidents of Brucellosis did not identify race/ethnicity and 3.8% (n=10) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Campylobacteriosis

Campylobacteriosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	7,943	8,356	8,555	9,481	9,271	10,016	6,338	7,741	9,077	
JANUARY	508	571	591	692	582	784	802	366	497	
FEBRUARY	387	485	469	559	531	577	591	421	501	
MARCH	450	598	490	608	609	662	437	476	532	
APRIL	558	712	631	699	707	735	292	615	711	
MAY	715	729	731	919	815	863	500	741	937	
JUNE	805	800	950	1,085	964	1,092	624	970	964	
JULY	889	840	974	1,073	1,039	1,253	586	887	937	
AUGUST	925	828	906	978	1,013	1,120	572	729	934	
SEPTEMBER	721	766	757	854	748	821	584	616	778	
OCTOBER	800	783	741	797	813	808	573	661	846	
NOVEMBER	594	676	675	718	778	683	442	691	744	
DECEMBER	591	568	640	499	672	618	335	568	696	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Campylobacteriosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	7,943	20.6	8,356	21.5	8,555	21.9	9,481	24.1	9,271	23.5	10,016	25.3	6,338	16.0	7,741	19.7	9,077	23.3
FEMALE	3,494	18.0	3,781	19.3	3,850	19.6	4,383	22.2	4,281	21.6	4,590	23.1	2,939	14.8	3,676	18.6	4,245	21.6
MALE	4,185	21.8	4,531	23.4	4,687	24.1	5,071	25.9	4,974	25.3	5,397	27.5	3,381	17.2	4,045	20.7	4,814	24.8
UNKNOWN	264	-	44	-	18	-	27	-	16	-	29	-	18	-	20	-	18	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Campylobacteriosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	7,943	20.6	8,356	21.5	8,555	21.9	9,481	24.1	9,271	23.5	10,016	25.3	6,338	16.0	7,741	19.7	9,077	23.3
0	181	36.4	203	40.6	183	37.5	172	35.7	159	34.5	163	36.3	137	30.6	145	33.9	188	42.0
1-4	874	43.9	805	40.3	766	38.6	789	40.0	715	36.6	767	40.2	670	35.1	760	40.9	729	40.8
5-9	520	20.4	506	19.9	494	19.5	491	19.5	412	16.5	464	18.6	377	14.6	398	15.6	433	17.1
10-14	398	15.8	368	14.6	363	14.4	386	15.2	373	14.6	379	14.9	264	10.0	284	10.8	309	11.8
15-24	1,023	18.2	1,066	19.0	1,057	19.0	1,191	21.7	1,147	21.2	1,145	21.5	662	11.7	824	14.8	946	17.2
25-34	1,101	20.4	1,303	24.2	1,344	25.0	1,472	27.3	1,441	26.9	1,617	30.2	968	18.2	1,225	23.0	1,320	24.7
35-44	873	16.9	961	18.6	966	18.7	1,156	22.3	1,124	21.7	1,219	23.5	747	15.1	959	19.7	1,082	22.6
45-54	898	17.0	980	18.6	1,082	20.6	1,133	21.7	1,221	23.7	1,249	24.6	727	15.0	888	18.7	1,063	22.7
55-64	888	19.4	977	20.8	1,051	22.0	1,191	24.4	1,197	24.2	1,375	27.6	803	16.6	879	18.4	1,259	26.9
65+	1,146	22.8	1,169	22.3	1,222	22.4	1,478	26.1	1,456	24.3	1,619	26.1	965	15.2	1,370	21.1	1,742	26.1
UNKNOWN	41	-	18	-	27	-	22	-	26	-	19	-	18	-	9	-	6	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

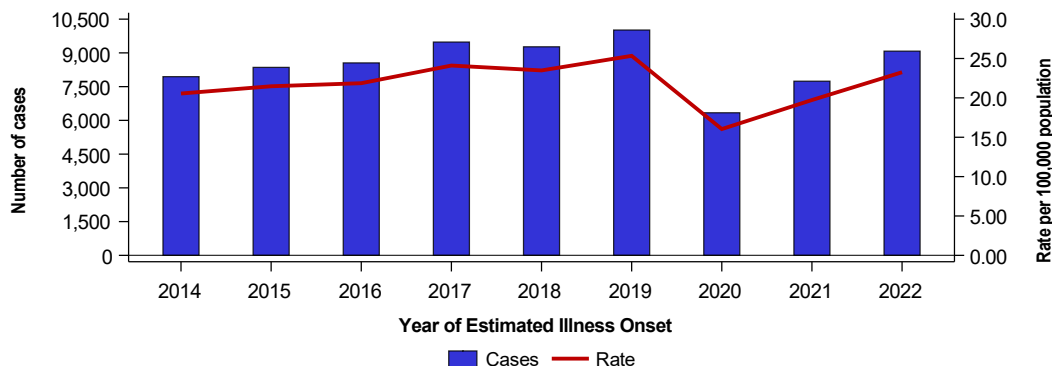
*Potentially unreliable rate: relative standard error 23 percent or more.

Campylobacteriosis, Cases by Race/Ethnicity, California, 2014-2022

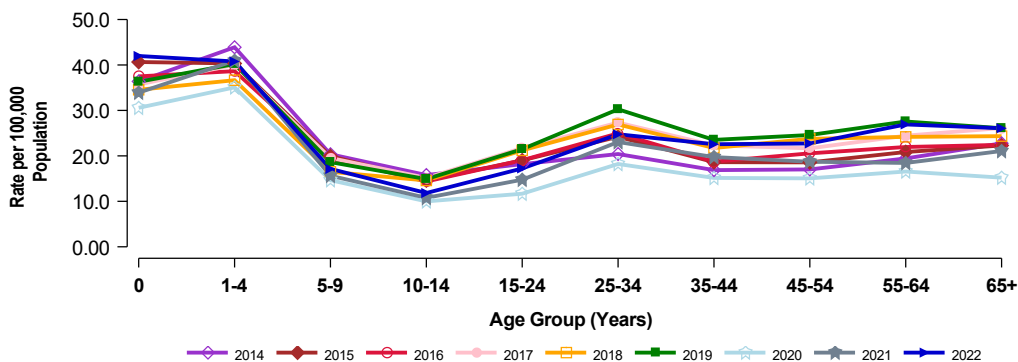
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	7,943	8,356	8,555	9,481	9,271	10,016	6,338	7,741	9,077	
WHITE, NON-HISPANIC	1,560	2,208	2,419	3,137	2,835	3,226	1,957	2,370	2,990	
HISPANIC/LATINO	1,257	1,292	1,499	1,773	1,614	1,841	1,377	2,174	2,357	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	252	342	469	603	653	765	385	573	613	
BLACK, NON-HISPANIC	107	121	174	193	205	212	155	177	183	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	19	16	11	25	25	26	17	19	26	
MULTIPLE RACE, NON-HISPANIC	11	18	10	12	26	19	9	13	24	
OTHER, NON-HISPANIC	147	320	677	1,096	1,103	1,379	778	952	931	
UNKNOWN	4,590	4,039	3,296	2,642	2,810	2,548	1,660	1,463	1,953	

For inclusion/exclusion criteria, please refer to the Technical Notes.

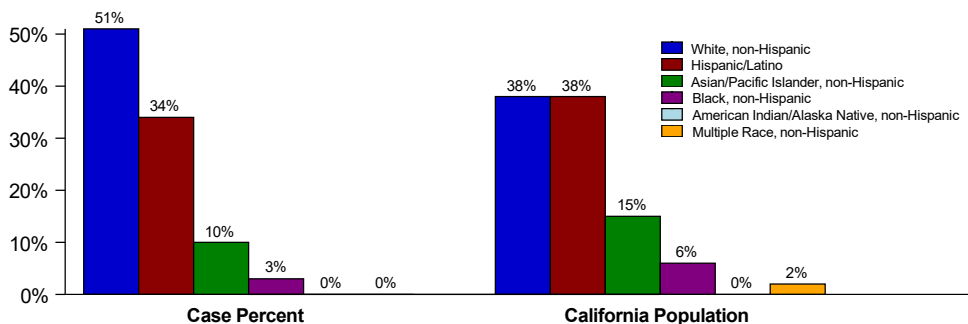
Campylobacteriosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



Campylobacteriosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2014-2022



Campylobacteriosis Cases and Population by Race/Ethnicity, California, 2014-2022



32.6% (n=25001) of reported incidents of Campylobacteriosis did not identify race/ethnicity and 9.6% (n=7383) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Chikungunya Virus Infection

Chikungunya Virus Infection, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	-	-	-	-	42	-	36	0.1	28	0.1	35	0.1	5	0.0*	7	0.0*	24	0.1
ALAMEDA COUNTY TOTAL	-	-	-	-	9	-	3	0.2*	4	0.2*	5	0.3*	0	-	0	-	4	0.2*
ALAMEDA	-	-	-	-	9	-	3	0.2*	4	0.3*	5	0.3*	0	-	0	-	4	0.3*
BERKELEY	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	-	-	-	-	1	-	4	0.3*	1	0.1*	1	0.1*	1	0.1*	0	-	0	-
DEL NORTE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	-	-	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	-	-	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	-	-	-	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
KINGS	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	-	-	-	-	3	-	11	0.1*	8	0.1*	2	0.0*	1	0.0*	0	-	8	0.1*
LOS ANGELES	-	-	-	-	3	-	11	0.1*	8	0.1*	2	0.0*	1	0.0*	0	-	8	0.1*
LONG BEACH	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	-	-	-	-	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*	1	0.4*
MARIPOSA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	-	-	-	-	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-
ORANGE	-	-	-	-	1	-	2	0.1*	0	-	2	0.1*	1	0.0*	0	-	1	0.0*
PLACER	-	-	-	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
PLUMAS	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	-	-	-	-	0	-	0	-	0	-	2	0.1*	0	-	0	-	0	-
SACRAMENTO	-	-	-	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	2	0.1*
SAN BENITO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	-	-	-	-	2	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
SAN DIEGO	-	-	-	-	4	-	3	0.1*	5	0.2*	4	0.1*	0	-	1	0.0*	2	0.1*
SAN FRANCISCO	-	-	-	-	2	-	0	-	1	0.1*	3	0.3*	0	-	1	0.1*	0	-
SAN JOAQUIN	-	-	-	-	1	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	-	-	-	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-
SAN MATEO	-	-	-	-	4	-	1	0.1*	1	0.1*	1	0.1*	0	-	1	0.1*	1	0.1*
SANTA BARBARA	-	-	-	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
SANTA CLARA	-	-	-	-	12	-	10	0.5*	5	0.3*	9	0.5*	1	0.1*	2	0.1*	4	0.2*
SANTA CRUZ	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
SONOMA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	-	-	-	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
SUTTER	-	-	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	-	-	-	-	0	-	0	-	1	1.5*	0	-	0	-	0	-	0	-
TRINITY	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	-	-	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection

Chikungunya Virus Infection, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	-	-	42	36	28	35	5	7	24	
JANUARY	-	-	-	3	1	2	3	1	2	
FEBRUARY	-	-	-	2	0	1	0	0	1	
MARCH	-	-	-	3	2	0	0	0	2	
APRIL	-	-	-	1	0	1	0	0	0	
MAY	-	-	-	4	4	1	1	0	0	
JUNE	-	-	1	5	3	3	0	1	2	
JULY	-	-	6	4	6	6	0	0	3	
AUGUST	-	-	9	2	9	6	0	1	1	
SEPTEMBER	-	-	7	6	0	3	0	0	2	
OCTOBER	-	-	8	3	2	5	0	1	5	
NOVEMBER	-	-	6	1	0	4	1	1	3	
DECEMBER	-	-	5	2	1	3	0	2	3	

For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	-	-	42	-	36	0.1	28	0.1	35	0.1	5	0.0*	7	0.0*	24	0.1
FEMALE	-	-	-	-	27	-	21	0.1	19	0.1	18	0.1*	3	0.0*	2	0.0*	13	0.1*
MALE	-	-	-	-	15	-	15	0.1*	9	0.0*	17	0.1*	2	0.0*	5	0.0*	11	0.1*

Rates are expressed as cases per 100,000 age group population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	-	-	42	-	36	0.1	28	0.1	35	0.1	5	0.0*	7	0.0*	24	0.1
0	-	-	-	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
1-4	-	-	-	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
5-9	-	-	-	-	2	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
10-14	-	-	-	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
15-24	-	-	-	-	3	-	2	0.0*	1	0.0*	3	0.1*	1	0.0*	0	-	3	0.1*
25-34	-	-	-	-	6	-	5	0.1*	6	0.1*	6	0.1*	0	-	1	0.0*	4	0.1*
35-44	-	-	-	-	13	-	8	0.2*	6	0.1*	4	0.1*	1	0.0*	1	0.0*	5	0.1*
45-54	-	-	-	-	6	-	11	0.2*	3	0.1*	13	0.3*	1	0.0*	4	0.1*	5	0.1*
55-64	-	-	-	-	4	-	7	0.1*	6	0.1*	5	0.1*	2	0.0*	0	-	3	0.1*
65+	-	-	-	-	8	-	2	0.0*	4	0.1*	3	0.0*	0	-	1	0.0*	4	0.1*

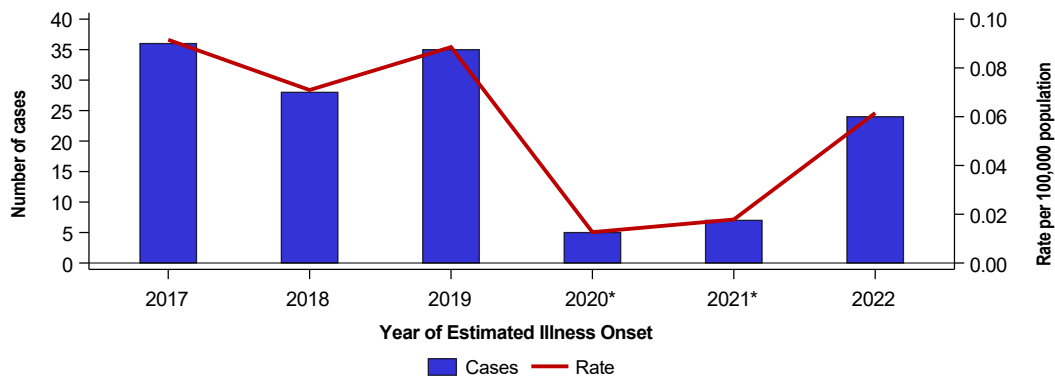
Rates are expressed as cases per 100,000 age group population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection, Cases by Race/Ethnicity, California, 2014-2022

RACE ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	-	-	42	36	28	35	5	7	24	
WHITE, NON-HISPANIC	-	-	4	0	7	7	0	2	3	
HISPANIC/LATINO	-	-	5	5	3	3	1	0	6	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	-	-	24	21	9	14	2	4	7	
BLACK, NON-HISPANIC	-	-	0	1	0	1	1	0	1	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	-	-	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	-	-	0	0	1	0	0	0	1	
OTHER, NON-HISPANIC	-	-	0	1	0	0	0	0	1	
UNKNOWN	-	-	9	8	8	10	1	1	5	

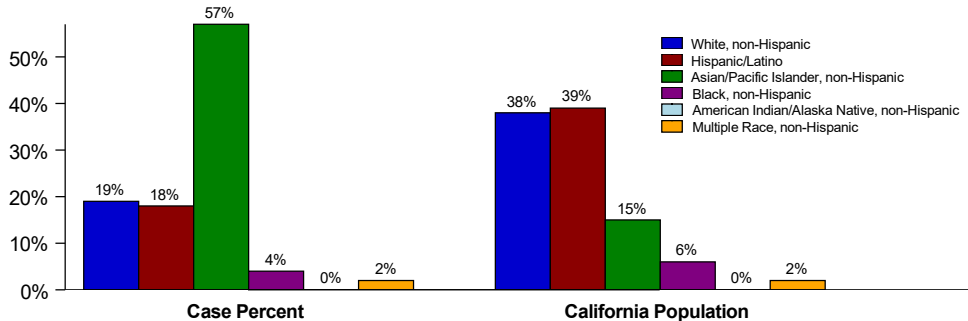
For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2017-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Chikungunya Virus Infection Cases and Population by Race/Ethnicity, California, 2017-2022



24.4% (n=33) of reported incidents of Chikungunya Virus Infection did not identify race/ethnicity and 1.5% (n=2) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Cholera

Cholera, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0		0		1	0.0*	0		3	0.0*	0		0		2	0.0*	1	0.0*
ALAMEDA COUNTY TOTAL	0		0		0		0		2	0.1*	0		0		0		0	
ALAMEDA	0		0		0		0		2	0.1*	0		0		0		0	
BERKELEY	0		0		0		0		0		0		0		0		0	
ALPINE	0		0		0		0		0		0		0		0		0	
AMADOR	0		0		0		0		0		0		0		0		0	
BUTTE	0		0		0		0		0		0		0		0		0	
CALAVERAS	0		0		0		0		0		0		0		0		0	
COLUSA	0		0		0		0		0		0		0		0		0	
CONTRA COSTA	0		0		0		0		0		0		0		0		0	
DEL NORTE	0		0		0		0		0		0		0		0		0	
EL DORADO	0		0		0		0		0		0		0		0		0	
FRESNO	0		0		0		0		0		0		0		1	0.1*	0	
GLENN	0		0		0		0		0		0		0		0		0	
HUMBOLDT	0		0		0		0		0		0		0		0		0	
IMPERIAL	0		0		0		0		0		0		0		0		0	
INYO	0		0		0		0		0		0		0		0		0	
KERN	0		0		0		0		0		0		0		0		0	
KINGS	0		0		0		0		0		0		0		0		0	
LAKE	0		0		0		0		0		0		0		0		0	
LASSEN	0		0		0		0		0		0		0		0		0	
LOS ANGELES COUNTY TOTAL	0		0		0		0		0		0		0		0		0	
LOS ANGELES	0		0		0		0		0		0		0		0		0	
LONG BEACH	0		0		0		0		0		0		0		0		0	
PASADENA	0		0		0		0		0		0		0		0		0	
MADERA	0		0		0		0		0		0		0		0		0	
MARIN	0		0		0		0		0		0		0		0		0	
MARIPOSA	0		0		0		0		0		0		0		0		0	
MENDOCINO	0		0		0		0		0		0		0		0		0	
MERCED	0		0		0		0		0		0		0		0		0	
MODOC	0		0		0		0		0		0		0		0		0	
MONO	0		0		0		0		0		0		0		0		0	
MONTEREY	0		0		0		0		0		0		0		0		0	
NAPA	0		0		0		0		0		0		0		0		0	
NEVADA	0		0		0		0		0		0		0		0		0	
ORANGE	0		0		0		0		0		0		0		0		0	
PLACER	0		0		0		0		0		0		0		0		0	
PLUMAS	0		0		0		0		0		0		0		0		0	
RIVERSIDE	0		0		0		0		0		0		0		0		0	
SACRAMENTO	0		0		0		0		0		0		0		0		1	0.1*
SAN BENITO	0		0		0		0		0		0		0		0		0	
SAN BERNARDINO	0		0		0		0		0		0		0		0		0	
SAN DIEGO	0		0		1	0.0*	0		0		0		0		0		0	
SAN FRANCISCO	0		0		0		0		0		0		0		0		0	
SAN JOAQUIN	0		0		0		0		0		0		0		0		0	
SAN LUIS OBISPO	0		0		0		0		0		0		0		0		0	
SAN MATEO	0		0		0		0		0		0		0		0		0	
SANTA BARBARA	0		0		0		0		0		0		0		0		0	
SANTA CLARA	0		0		0		0		0		0		0		0		0	
SANTA CRUZ	0		0		0		0		0		0		0		1	0.4*	0	
SHASTA	0		0		0		0		0		0		0		0		0	
SIERRA	0		0		0		0		0		0		0		0		0	
SISKIYOU	0		0		0		0		0		0		0		0		0	
SOLANO	0		0		0		0		0		0		0		0		0	
SONOMA	0		0		0		0		0		0		0		0		0	
STANISLAUS	0		0		0		0		0		0		0		0		0	
SUTTER	0		0		0		0		0		0		0		0		0	
TEHAMA	0		0		0		0		0		0		0		0		0	
TRINITY	0		0		0		0		0		0		0		0		0	
TULARE	0		0		0		0		0		0		0		0		0	
TUOLUMNE	0		0		0		0		0		0		0		0		0	
VENTURA	0		0		0		0		1	0.1*	0		0		0		0	
YOLO	0		0		0		0		0		0		0		0		0	
YUBA	0		0		0		0		0		0		0		0		0	

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cholera

Cholera, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	0	0	1	0	3	0	0	2	1	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	1	0	0	0	0	
MARCH	0	0	0	0	0	0	0	0	0	
APRIL	0	0	0	0	0	0	0	0	1	
MAY	0	0	0	0	0	0	0	0	0	
JUNE	0	0	0	0	0	0	0	0	0	
JULY	0	0	1	0	0	0	0	0	0	
AUGUST	0	0	0	0	0	0	0	1	0	
SEPTEMBER	0	0	0	0	1	0	0	0	0	
OCTOBER	0	0	0	0	0	0	0	1	0	
NOVEMBER	0	0	0	0	0	0	0	0	0	
DECEMBER	0	0	0	0	1	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Cholera, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	1	0.0*	0	-	3	0.0*	0	-	0	-	2	0.0*	1	0.0*
FEMALE	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-
MALE	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	2	0.0*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cholera, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	1	0.0*	0	-	3	0.0*	0	-	0	-	2	0.0*	1	0.0*
0	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cholera, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET											
	2014	2015	2016	2017	2018	2019	2020	2021	2022			
TOTAL	0	0	1	0	3	0	0	2	1			
WHITE, NON-HISPANIC	0	0	0	0	1	0	0	1	0			
HISPANIC/LATINO	0	0	0	0	0	0	0	0	0			
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	1	0	2	0	0	1	0			
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0			
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0			
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0			
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	1			
UNKNOWN	0	0	0	0	0	0	0	0	0			

For inclusion/exclusion criteria, please refer to the Technical Notes.

Vibrio Infection (non-Cholera)

Vibrio Infection (non-Cholera), Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	277	0.7	243	0.6	134	0.3	268	0.7	338	0.9	294	0.7	179	0.5	310	0.8	332	0.9
ALAMEDA COUNTY TOTAL	16	1.0*	5	0.3*	4	0.2*	7	0.4*	7	0.4*	6	0.4*	10	0.6*	7	0.4*	5	0.3*
ALAMEDA	12	0.8*	5	0.3*	3	0.2*	7	0.5*	7	0.5*	5	0.3*	10	0.6*	5	0.3*	5	0.3*
BERKELEY	4	3.4*	0	-	1	0.8*	0	-	0	-	1	0.8*	0	-	2	1.7*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	1	2.6*	1	2.6*	1	2.5*	0	-	0	-	1	2.5*	0	-
BUTTE	1	0.4*	0	-	0	-	0	-	2	0.9*	0	-	0	-	1	0.5*	0	-
CALAVERAS	1	2.2*	0	-	0	-	0	-	0	-	0	-	1	2.2*	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	1	4.6*	0	-	0	-
CONTRA COSTA	13	1.2*	5	0.4*	2	0.2*	4	0.3*	7	0.6*	5	0.4*	5	0.4*	10	0.9*	19	1.7
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.5*	1	0.5*	0	-	0	-	5	2.7*	1	0.5*	1	0.5*	3	1.6*	3	1.6*
FRESNO	3	0.3*	0	-	0	-	2	0.2*	3	0.3*	4	0.4*	3	0.3*	4	0.4*	8	0.8*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	1	0.7*	1	0.7*	0	-	5	3.6*	0	-	0	-	0	-	0	-
IMPERIAL	0	-	1	0.6*	0	-	0	-	1	0.6*	8	4.4*	2	1.1*	11	6.1*	14	7.8*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	3	0.3*	4	0.5*	5	0.6*	2	0.2*	5	0.6*	6	0.7*	2	0.2*	12	1.3*	7	0.8*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	1	1.5*	0	-	2	2.9*	0	-	1	1.5*	3	4.4*	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	52	0.5	47	0.5	29	0.3	59	0.6	54	0.5	62	0.6	26	0.3	48	0.5	68	0.7
LOS ANGELES	52	0.5	45	0.5	27	0.3	56	0.6	50	0.5	59	0.6	24	0.3	47	0.5	63	0.7
LONG BEACH	0	-	2	0.4*	2	0.4*	1	0.2*	4	0.8*	2	0.4*	2	0.4*	0	-	5	1.1*
PASADENA	0	-	0	-	0	-	2	1.4*	0	-	1	0.7*	0	-	1	0.7*	0	-
MADERA	0	-	1	0.7*	0	-	0	-	1	0.6*	2	1.3*	0	-	0	-	0	-
MARIN	11	4.2*	10	3.8*	3	1.1*	10	3.8*	8	3.0*	7	2.7*	1	0.4*	3	1.2*	4	1.6*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	1	5.8*	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-	0	-	8	8.7*	3	3.3*	4	4.4*	2	2.2*	1	1.1*
MERCED	1	0.4*	0	-	2	0.7*	1	0.4*	0	-	2	0.7*	0	-	0	-	1	0.4*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	1	11.5*	2	23.3*	0	-
MONO	0	-	1	7.4*	0	-	0	-	0	-	0	-	0	-	0	-	1	7.6*
MONTEREY	1	0.2*	1	0.2*	1	0.2*	4	0.9*	5	1.1*	2	0.5*	2	0.5*	8	1.8*	2	0.5*
NAPA	3	2.1*	0	-	0	-	0	-	5	3.6*	2	1.4*	0	-	3	2.2*	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	1	1.0*	3	2.9*	1	1.0*	0	-	5	5.0*
ORANGE	22	0.7	28	0.9	13	0.4*	19	0.6	30	0.9	24	0.8	14	0.4*	25	0.8	31	1.0
PLACER	2	0.5*	2	0.5*	1	0.3*	3	0.8*	1	0.3*	2	0.5*	1	0.2*	4	1.0*	0	-
PLUMAS	0	-	1	5.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	11	0.5*	11	0.5*	12	0.5*	6	0.3*	9	0.4*	10	0.4*	7	0.3*	12	0.5*	21	0.9
SACRAMENTO	7	0.5*	5	0.3*	2	0.1*	4	0.3*	4	0.3*	10	0.6*	4	0.3*	6	0.4*	6	0.4*
SAN BENITO	1	1.7*	0	-	0	-	0	-	1	1.6*	3	4.7*	0	-	1	1.5*	2	3.0*
SAN BERNARDINO	7	0.3*	6	0.3*	3	0.1*	5	0.2*	11	0.5*	2	0.1*	6	0.3*	4	0.2*	1	0.0*
SAN DIEGO	35	1.1	46	1.4	30	0.9	51	1.6	59	1.8	47	1.4	38	1.2	51	1.6	38	1.2
SAN FRANCISCO	18	2.1*	19	2.2	4	0.5*	16	1.8*	9	1.0*	13	1.5*	2	0.2*	16	1.9*	9	1.1*
SAN JOAQUIN	4	0.6*	4	0.5*	3	0.4*	3	0.4*	3	0.4*	2	0.3*	0	-	3	0.4*	3	0.4*
SAN LUIS OBISPO	1	0.4*	4	1.4*	0	-	4	1.4*	6	2.1*	0	-	1	0.4*	2	0.7*	8	2.9*
SAN MATEO	13	1.7*	4	0.5*	3	0.4*	3	0.4*	12	1.6*	8	1.0*	11	1.4*	9	1.2*	12	1.6*
SANTA BARBARA	2	0.5*	7	1.6*	2	0.5*	12	2.7*	19	4.2	6	1.3*	4	0.9*	10	2.3*	13	2.9*
SANTA CLARA	18	1.0*	8	0.4*	2	0.1*	22	1.1	16	0.8*	17	0.9*	10	0.5*	19	1.0	12	0.6*
SANTA CRUZ	4	1.5*	4	1.5*	2	0.7*	2	0.7*	2	0.7*	6	2.2*	1	0.4*	5	1.9*	5	1.9*
SHASTA	0	-	0	-	0	-	1	0.6*	0	-	1	0.6*	2	1.1*	1	0.5*	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	2.3*	2	4.6*
SOLANO	1	0.2*	2	0.5*	0	-	2	0.4*	2	0.4*	1	0.2*	1	0.2*	3	0.7*	1	0.2*
SONOMA	5	1.0*	5	1.0*	3	0.6*	4	0.8*	2	0.4*	10	2.0*	2	0.4*	4	0.8*	7	1.5*
STANISLAUS	5	0.9*	1	0.2*	1	0.2*	2	0.4*	2	0.4*	3	0.5*	2	0.4*	1	0.2*	2	0.4*
SUTTER	3	3.2*	1	1.0*	1	1.0*	1	1.0*	0	-	2	2.0*	2	2.0*	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	0	-	0	-	2	0.4*	2	0.4*	2	0.4*	1	0.2*	3	0.6*	5	1.1*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	1	1.8*	2	3.7*	0	-
VENTURA	8	0.9*	7	0.8*	2	0.2*	14	1.6*	25	2.9	9	1.1*	4	0.5*	7	0.8*	14	1.7*
YOLO	2	1.0*	1	0.5*	1	0.5*	1	0.5*	3	1.4*	3	1.4*	3	1.4*	3	1.4*	1	0.4*
YUBA	0	-	0	-	0	-	1	1.3*	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Vibrio Infection (non-Cholera)

Vibrio Infection (non-Cholera), Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	277	243	134	268	338	294	179	310	332	
JANUARY	2	11	6	11	5	13	10	1	10	
FEBRUARY	4	17	8	6	15	7	12	6	13	
MARCH	6	15	5	12	16	12	7	4	13	
APRIL	4	9	6	15	19	13	6	10	19	
MAY	9	12	3	18	21	19	11	10	12	
JUNE	14	29	16	13	34	29	5	21	21	
JULY	39	40	22	56	67	48	22	98	30	
AUGUST	97	41	37	51	71	68	43	63	85	
SEPTEMBER	48	27	18	35	33	34	22	37	50	
OCTOBER	30	22	6	29	27	25	24	24	43	
NOVEMBER	10	8	5	13	15	13	10	17	20	
DECEMBER	14	12	2	9	15	13	7	19	16	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Vibrio Infection (non-Cholera), Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	277	0.7	243	0.6	134	0.3	268	0.7	338	0.9	294	0.7	179	0.5	310	0.8	332	0.9
FEMALE	87	0.4	79	0.4	55	0.3	106	0.5	132	0.7	120	0.6	66	0.3	127	0.6	145	0.7
MALE	190	1.0	164	0.8	79	0.4	162	0.8	206	1.0	174	0.9	113	0.6	183	0.9	187	1.0

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Vibrio Infection (non-Cholera), Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	277	0.7	243	0.6	134	0.3	268	0.7	338	0.9	294	0.7	179	0.5	310	0.8	332	0.9
0	0	-	0	-	0	-	0	-	1	0.2*	2	0.4*	0	-	0	-	0	-
1-4	0	-	0	-	1	0.1*	0	-	2	0.1*	1	0.1*	3	0.2*	1	0.1*	3	0.2*
5-9	3	0.1*	5	0.2*	4	0.2*	2	0.1*	7	0.3*	1	0.0*	0	-	5	0.2*	4	0.2*
10-14	4	0.2*	7	0.3*	6	0.2*	8	0.3*	6	0.2*	6	0.2*	11	0.4*	3	0.1*	6	0.2*
15-24	20	0.4	25	0.4	10	0.2*	15	0.3*	20	0.4	28	0.5	13	0.2*	14	0.3*	22	0.4
25-34	57	1.1	52	1.0	11	0.2*	44	0.8	60	1.1	46	0.9	35	0.7	59	1.1	56	1.0
35-44	64	1.2	39	0.8	20	0.4	54	1.0	59	1.1	48	0.9	31	0.6	59	1.2	55	1.1
45-54	51	1.0	38	0.7	31	0.6	38	0.7	43	0.8	36	0.7	27	0.6	60	1.3	51	1.1
55-64	40	0.9	30	0.6	25	0.5	45	0.9	66	1.3	53	1.1	24	0.5	44	0.9	53	1.1
65+	36	0.7	45	0.9	26	0.5	62	1.1	74	1.2	72	1.2	34	0.5	63	1.0	82	1.2
UNKNOWN	2	-	2	-	0	-	0	-	0	-	1	-	1	-	2	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

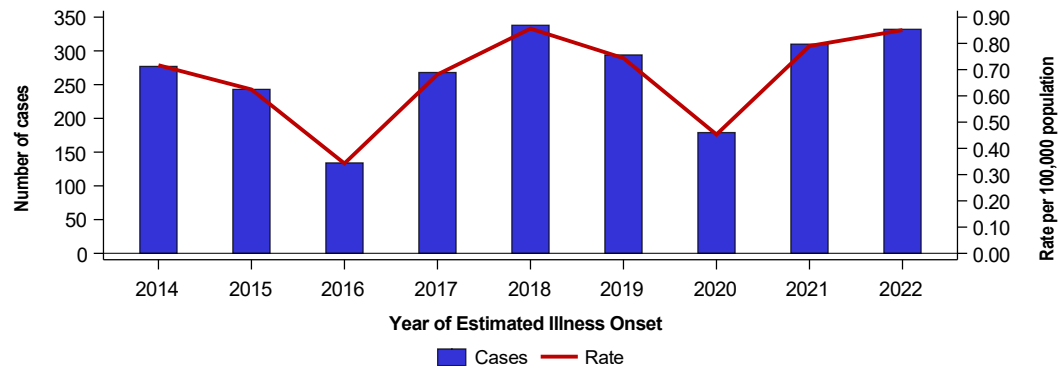
*Potentially unreliable rate: relative standard error 23 percent or more.

Vibrio Infection (non-Cholera), Cases by Race/Ethnicity, California, 2014-2022

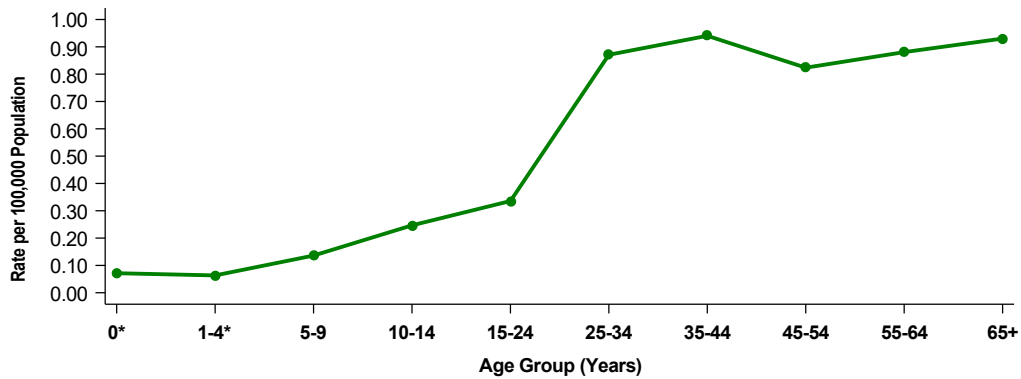
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	277	243	134	268	338	294	179	310	332	
WHITE, NON-HISPANIC	121	120	65	116	162	133	62	137	156	
HISPANIC/LATINO	59	59	34	56	69	64	44	74	86	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	10	11	10	32	28	22	16	30	20	
BLACK, NON-HISPANIC	8	9	2	5	9	6	6	6	9	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	1	0	0	1	1	0	0	2	0	
MULTIPLE RACE, NON-HISPANIC	1	2	1	4	6	0	4	5	4	
OTHER, NON-HISPANIC	4	6	1	9	13	10	14	14	9	
UNKNOWN	73	36	21	45	50	59	33	42	48	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Vibrio Infection (non-Cholera) Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022

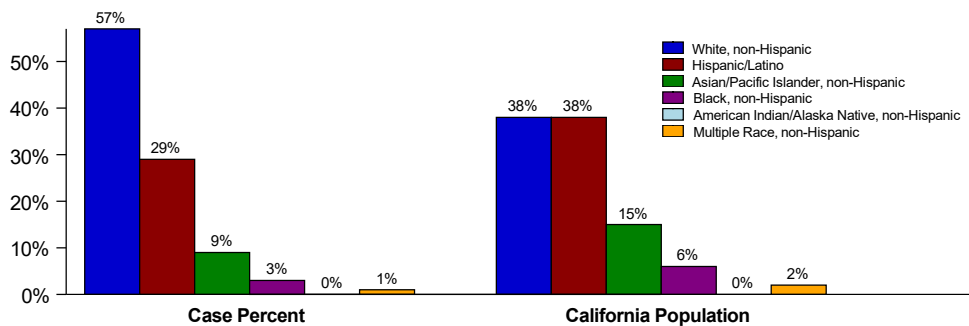


Vibrio Infection (non-Cholera) Average Incidence Rates by Age Group, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Vibrio Infection (non-Cholera) Cases and Population by Race/Ethnicity, California, 2014-2022



17.1% (n=407) of reported incidents of Vibrio Infection (non-Cholera) did not identify race/ethnicity and 3.4% (n=80) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Ciguatera Fish Poisoning

Ciguatera Fish Poisoning, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	1	0.0*	3	0.0*	0		1	0.0*	0		0		0	
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Ciguatera Fish Poisoning

Ciguatera Fish Poisoning, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	1	1	1	3	0	1	0	0	0	
JANUARY	0	0	0	2	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	
MARCH	0	0	0	0	0	0	0	0	0	
APRIL	0	0	0	0	0	0	0	0	0	
MAY	0	0	0	0	0	0	0	0	0	
JUNE	0	0	0	0	0	0	0	0	0	
JULY	0	0	1	0	0	1	0	0	0	
AUGUST	1	0	0	0	0	0	0	0	0	
SEPTEMBER	0	0	0	0	0	0	0	0	0	
OCTOBER	0	0	0	0	0	0	0	0	0	
NOVEMBER	0	1	0	0	0	0	0	0	0	
DECEMBER	0	0	0	1	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Ciguatera Fish Poisoning, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	1	0.0*	3	0.0*	0	-	1	0.0*	0	-	0	-	0	-
FEMALE	0	-	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-
MALE	1	0.0*	1	0.0*	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Ciguatera Fish Poisoning, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	1	0.0*	3	0.0*	0	-	1	0.0*	0	-	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

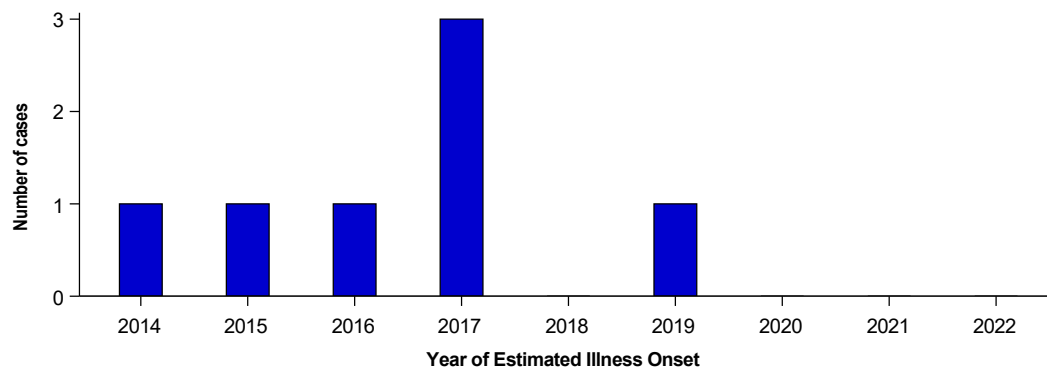
*Potentially unreliable rate: relative standard error 23 percent or more.

Ciguatera Fish Poisoning, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	1	1	1	3	0	1	0	0	0	
WHITE, NON-HISPANIC	1	0	0	1	0	0	0	0	0	
HISPANIC/LATINO	0	0	0	1	0	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	1	0	0	0	0	0	0	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	1	0	0	0	
UNKNOWN	0	1	0	1	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Ciguatera Fish Poisoning Cases by Year of Estimated Illness Onset, California, 2014-2022



Coccidioidomycosis**Coccidioidomycosis, Cases and Rates by Health Jurisdiction, California, 2014-2022**

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2014		2015		2016		2017		2018		2019		2020		2021		2022			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	2,334	6.0	3,184	8.2	5,574	14.2	7,713	19.6	7,641	19.4	9,095	23.0	7,267	18.4	8,047	20.5	7,451	19.1		
ALAMEDA COUNTY TOTAL	24	1.5	39	2.4	48	2.9	66	4.0	76	4.6	97	5.8	68	4.1	99	6.0	79	4.8		
ALAMEDA	24	1.6	38	2.5	48	3.2	66	4.3	75	4.9	96	6.2	67	4.3	98	6.4	76	5.0		
BERKELEY	0	-	1	0.8*	0	-	0	-	1	0.8*	1	0.8*	1	0.8*	1	0.8*	3	2.4*		
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
AMADOR	0	-	4	10.8*	0	-	1	2.6*	7	17.5*	5	12.4*	7	17.3*	3	7.5*	5	12.5*		
BUTTE	1	0.4*	0	-	3	1.3*	4	1.7*	1	0.4*	6	2.6*	11	5.2*	13	6.3*	2	1.0*		
CALAVERAS	1	2.2*	1	2.2*	1	2.2*	0	-	1	2.2*	3	6.6*	8	17.7*	1	2.2*	2	4.5*		
COLUSA	0	-	1	4.7*	1	4.6*	0	-	2	9.2*	3	13.8*	1	4.6*	0	-	1	4.6*		
CONTRA COSTA	30	2.7	50	4.4	67	5.9	89	7.7	109	9.4	134	11.5	145	12.4	135	11.6	87	7.6		
DEL NORTE	0	-	0	-	1	3.7*	1	3.7*	0	-	0	-	0	-	0	-	0	-		
EL DORADO	2	1.1*	1	0.5*	2	1.1*	5	2.7*	2	1.1*	5	2.7*	3	1.6*	3	1.6*	6	3.2*		
FRESNO	163	16.9	280	28.8	614	62.8	834	84.6	644	64.8	625	62.4	449	44.6	410	40.6	448	44.3		
GLENN	0	-	0	-	0	-	2	7.1*	0	-	2	7.0*	1	3.5*	3	10.4*	2	7.0*		
HUMBOLDT	0	-	1	0.7*	0	-	2	1.5*	0	-	2	1.5*	2	1.5*	2	1.5*	3	2.2*		
IMPERIAL	2	1.1*	2	1.1*	11	6.1*	15	8.3*	19	10.5	17	9.4*	5	2.8*	1	0.6*	20	11.2		
INYO	1	5.3*	0	-	0	-	0	-	0	-	0	-	1	5.3*	3	15.9*	1	5.3*		
KERN	931	106.7	1,083	123.3	2,258	256.4	2,793	314.5	2,951	329.5	3,385	374.8	2,631	290.6	2,819	310.4	2,407	264.9		
KINGS	78	52.5	104	70.0	235	159.2	273	183.3	173	114.5	220	145.0	157	103.2	168	110.9	168	111.0		
LAKE	0	-	0	-	2	3.0*	2	2.9*	1	1.5*	2	2.9*	2	3.0*	0	-	0	-		
LASSEN	0	-	9	28.4*	6	18.6*	0	-	1	3.0*	0	-	1	3.2*	0	-	1	3.4*		
LOS ANGELES COUNTY TOTAL	403	4.0	558	5.5	731	7.2	934	9.2	1,013	10.0	1,154	11.5	1,081	10.8	1,450	14.6	1,536	15.7		
LOS ANGELES	383	4.0	521	5.5	714	7.5	906	9.5	996	10.4	1,093	11.5	1,023	10.9	1,378	14.7	1,461	15.8		
LONG BEACH	19	4.0	36	7.6	15	3.2*	19	4.0	12	2.5*	57	12.1	55	11.8	53	11.5	66	14.3		
PASADENA	1	0.7*	1	0.7*	2	1.4*	9	6.3*	5	3.5*	4	2.8*	3	2.1*	19	13.7	9	6.5*		
MADERA	35	22.9	54	35.3	49	32.0	64	41.5	58	37.3	64	41.2	22	14.1	38	24.2	51	32.4		
MARIN	2	0.8*	1	0.4*	2	0.8*	4	1.5*	5	1.9*	5	1.9*	6	2.3*	4	1.5*	2	0.8*		
MARIPOSA	0	-	2	11.3*	3	17.0*	3	17.1*	1	5.8*	2	11.6*	1	5.8*	2	11.8*	1	5.9*		
MENDOCINO	0	-	1	1.1*	0	-	1	1.1*	0	-	3	3.3*	2	2.2*	1	1.1*	3	3.4*		
MERCED	54	20.3	91	34.1	81	30.1	107	39.3	137	49.8	106	38.1	79	28.1	81	28.7	69	24.2		
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MONO	0	-	0	-	0	-	0	-	1	7.6*	0	-	0	-	2	15.1*	0	-		
MONTEREY	24	5.6	38	8.8	79	18.1	191	43.6	238	54.1	188	42.6	116	26.4	120	27.4	113	26.0		
NAPA	0	-	0	-	2	1.4*	1	0.7*	1	0.7*	4	2.9*	1	0.7*	5	3.6*	1	0.7*		
NEVADA	0	-	0	-	0	-	0	-	1	1.0*	0	-	4	3.9*	1	1.0*	1	1.0*		
ORANGE	77	2.5	172	5.5	109	3.4	230	7.2	195	6.1	287	9.0	240	7.5	284	9.0	297	9.4		
PLACER	0	-	5	1.3*	3	0.8*	2	0.5*	3	0.8*	12	3.0*	10	2.5*	9	2.2*	9	2.2*		
PLUMAS	1	5.1*	0	-	0	-	0	-	2	10.2*	0	-	0	-	0	-	0	-		
RIVERSIDE	38	1.7	57	2.5	64	2.7	135	5.7	142	6.0	290	12.1	313	12.9	455	18.7	349	14.3		
SACRAMENTO	18	1.2*	23	1.5	27	1.8	41	2.7	43	2.8	103	6.6	57	3.6	81	5.1	54	3.4		
SAN BENITO	1	1.7*	0	-	3	5.0*	4	6.6*	3	4.9*	5	7.9*	2	3.1*	10	15.3*	2	3.0*		
SAN BERNARDINO	33	1.6	29	1.4	38	1.8	88	4.1	97	4.5	229	10.5	233	10.7	250	11.4	229	10.5		
SAN DIEGO	88	2.7	113	3.5	132	4.0	274	8.4	276	8.4	417	12.7	461	14.0	448	13.6	415	12.7		
SAN FRANCISCO	4	0.5*	13	1.5*	7	0.8*	14	1.6*	12	1.4*	25	2.9	18	2.1*	29	3.5	18	2.2*		
SAN JOAQUIN	61	8.5	97	13.3	191	25.8	204	27.2	242	31.9	281	36.4	134	17.2	117	14.9	104	13.3		
SAN LUIS OBISPO	27	9.7	65	23.2	259	91.9	439	155.6	347	122.6	268	94.8	178	63.0	173	62.1	144	51.5		
SAN MATEO	3	0.4*	5	0.7*	4	0.5*	18	2.4*	16	2.1*	27	3.5	17	2.2*	22	2.9	22	3.0		
SANTA BARBARA	15	3.4*	25	5.7	62	14.0	115	25.8	107	23.9	75	16.7	62	13.8	66	15.0	41	9.3		
SANTA CLARA	12	0.6*	17	0.9*	39	2.0	40	2.1	77	4.0	78	4.0	44	2.3	65	3.4	84	4.5		
SANTA CRUZ	3	1.1*	1	0.4*	9	3.3*	9	3.3*	14	5.1*	21	7.7	3	1.1*	17	6.5*	16	6.0*		
SHASTA	1	0.6*	0	-	2	1.1*	0	-	0	-	0	-	1	0.5*	0	-	0	-		
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SISKIYOU	0	-	0	-	2	4.5*	2	4.5*	0	-	1	2.3*	2	4.5*	0	-	1	2.3*		
SOLANO	5	1.2*	19	4.4	16	3.6*	18	4.0*	17	3.8*	34	7.5	22	4.9	34	7.6	27	6.1		
SONOMA	5	1.0*	1	0.2*	2	0.4*	3	0.6*	3	0.6*	12	2.4*	7	1.4*	20	4.1	10	2.1*		
STANISLAUS	36	6.8	48	9.0	81	15.0	122	22.3	76	13.8	81	14.7	67	12.1	86	15.6	63	11.5		
SUTTER	0	-	0	-	1	1.0*	3	3.1*	0	-	4	4.0*	1	1.0*	1	1.0*	0	-		
TEHAMA	1	1.6*	0	-	1	1.6*	0	-	1	1.5*	2	3.1*	3	4.6*	2	3.1*	1	1.5*		
TRINITY	0	-	0	-	0	-	0	-	1	6.3*	0	-	0	-	0	-	0	-		
TULARE	109	23.9	121	26.3	249	53.9	290	62.3	287	61.4	418	88.8	309	65.4	317	66.8	312	65.7		
TUOLUMNE	0	-	1	1.8*	6	10.9*	6	10.9*	2	3.6*	1	1.8*	2	3.6*	1	1.8*	2	3.7*		
VENTURA	42	5.0	48	5.6	65	7.6	257	30.2	231	27.2	371	43.9	266	31.5	186	22.2	235	28.3		
YOLO	3	1.4*	4	1.9*	6	2.8*	4	1.9*	3	1.4*	16	7.4*	9	4.1*	8	3.7*	5	2.2*		
YUBA	0	-	0	-	0	-	3	3.8*	2	2.5*	5	6.2*	2	2.4*	2	2.4*	2	2.4*		

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Data presented here includes cases reported to CDPH by July 31, 2023. For updated reported coccidioidomycosis data, please refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Coccidioidomycosis.aspx>.

Coccidioidomycosis

Coccidioidomycosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	2,334	3,184	5,574	7,713	7,641	9,095	7,267	8,047	7,451	
JANUARY	257	217	290	373	1,036	744	717	769	593	
FEBRUARY	228	182	276	288	619	683	730	681	534	
MARCH	159	202	235	305	568	789	670	711	530	
APRIL	179	231	276	282	487	656	480	584	618	
MAY	192	175	211	337	545	692	444	601	678	
JUNE	171	215	309	456	492	602	512	625	641	
JULY	199	295	389	503	596	629	478	716	622	
AUGUST	169	260	616	744	637	754	585	652	703	
SEPTEMBER	193	328	734	837	586	744	598	668	688	
OCTOBER	192	407	958	1,223	709	995	727	682	578	
NOVEMBER	187	351	734	1,242	724	969	671	704	661	
DECEMBER	208	321	546	1,123	642	838	655	654	605	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Note: Data presented here includes cases reported to CDPH by July 31, 2023. For updated reported coccidioidomycosis data, please refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Coccidioidomycosis.aspx>.

Coccidioidomycosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2,334	6.0	3,184	8.2	5,574	14.2	7,713	19.6	7,641	19.4	9,095	23.0	7,267	18.4	8,047	20.5	7,451	19.1
FEMALE	868	4.5	1,171	6.0	2,068	10.5	2,753	13.9	2,935	14.8	3,726	18.7	3,143	15.8	3,355	17.0	3,279	16.7
MALE	1,464	7.6	2,010	10.4	3,502	18.0	4,952	25.3	4,699	23.9	5,356	27.2	4,111	20.9	4,684	24.0	4,164	21.5
UNKNOWN	2	-	3	-	4	-	8	-	7	-	13	-	13	-	8	-	8	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Data presented here includes cases reported to CDPH by July 31, 2023. For updated reported coccidioidomycosis data, please refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Coccidioidomycosis.aspx>.

Coccidioidomycosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2,334	6.0	3,184	8.2	5,574	14.2	7,713	19.6	7,641	19.4	9,095	23.0	7,267	18.4	8,047	20.5	7,451	19.1
0	2	0.4*	3	0.6*	3	0.6*	5	1.0*	8	1.7*	9	2.0*	9	2.0*	3	0.7*	4	0.9*
1-4	7	0.4*	15	0.8*	29	1.5	56	2.8	50	2.6	39	2.0	27	1.4	13	0.7*	23	1.3
5-9	33	1.3	47	1.9	110	4.3	150	6.0	118	4.7	101	4.1	53	2.1	63	2.5	77	3.0
10-14	52	2.1	58	2.3	193	7.6	243	9.5	218	8.5	184	7.2	120	4.5	125	4.7	134	5.1
15-24	201	3.6	314	5.6	608	11.0	818	14.9	745	13.8	847	15.9	605	10.7	606	10.9	573	10.4
25-34	345	6.4	448	8.3	827	15.4	1,178	21.9	1,156	21.6	1,318	24.7	959	18.0	1,049	19.7	928	17.4
35-44	373	7.2	536	10.4	943	18.3	1,257	24.3	1,261	24.4	1,455	28.1	1,257	25.5	1,231	25.3	1,143	23.8
45-54	431	8.2	578	10.9	1,070	20.3	1,447	27.7	1,428	27.8	1,612	31.7	1,215	25.2	1,372	28.9	1,209	25.8
55-64	456	10.0	559	11.9	898	18.8	1,321	27.1	1,269	25.6	1,609	32.2	1,353	27.9	1,572	33.0	1,437	30.7
65+	424	8.4	614	11.7	886	16.3	1,234	21.8	1,379	23.1	1,907	30.7	1,659	26.1	2,000	30.8	1,915	28.7
UNKNOWN	10	-	12	-	7	-	4	-	9	-	14	-	10	-	13	-	8	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Data presented here includes cases reported to CDPH by July 31, 2023. For updated reported coccidioidomycosis data, please refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Coccidioidomycosis.aspx>.

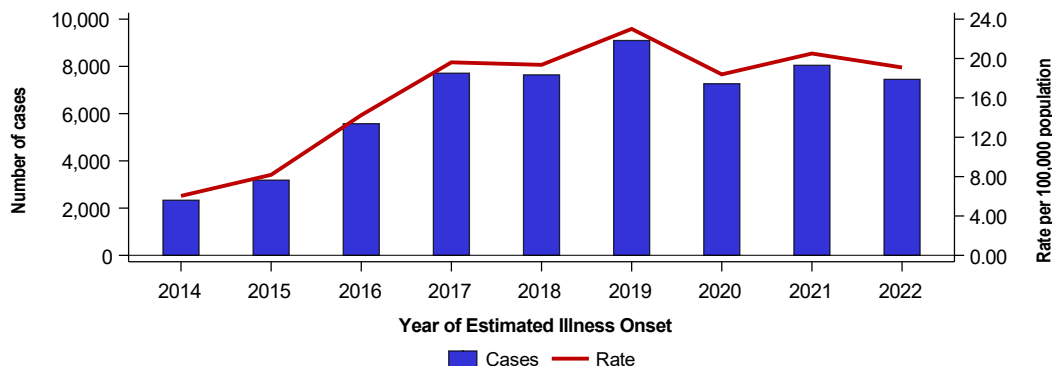
Coccidioidomycosis, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	2,334	3,184	5,574	7,713	7,641	9,095	7,267	8,047	7,451	
WHITE, NON-HISPANIC	577	805	1,250	1,737	1,727	1,730	1,540	1,678	1,501	
HISPANIC/LATINO	757	874	1,772	2,276	2,254	2,066	1,832	2,133	1,980	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	111	164	273	405	385	373	266	373	345	
BLACK, NON-HISPANIC	122	198	273	356	385	341	290	384	317	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	13	12	17	38	18	46	19	27	16	
MULTIPLE RACE, NON-HISPANIC	8	5	22	16	10	19	10	11	9	
OTHER, NON-HISPANIC	36	106	164	561	501	734	622	570	656	
UNKNOWN	710	1,020	1,803	2,324	2,361	3,786	2,688	2,871	2,627	

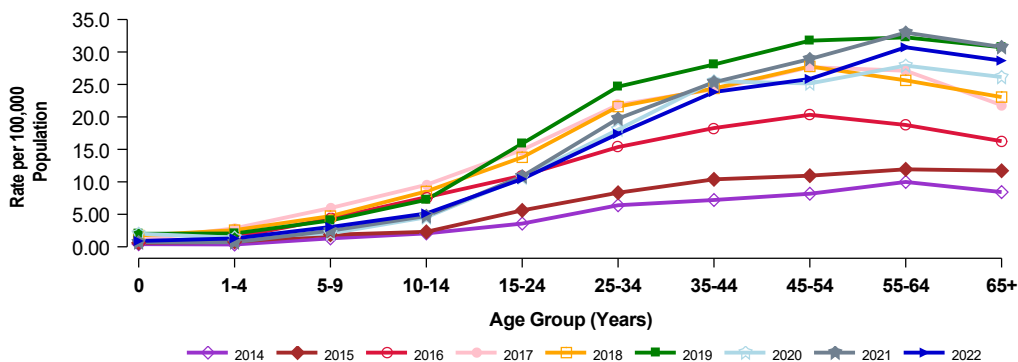
For inclusion/exclusion criteria, please refer to the Technical Notes.

Note: Data presented here includes cases reported to CDPH by July 31, 2023. For updated reported coccidioidomycosis data, please refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Coccidioidomycosis.aspx>.

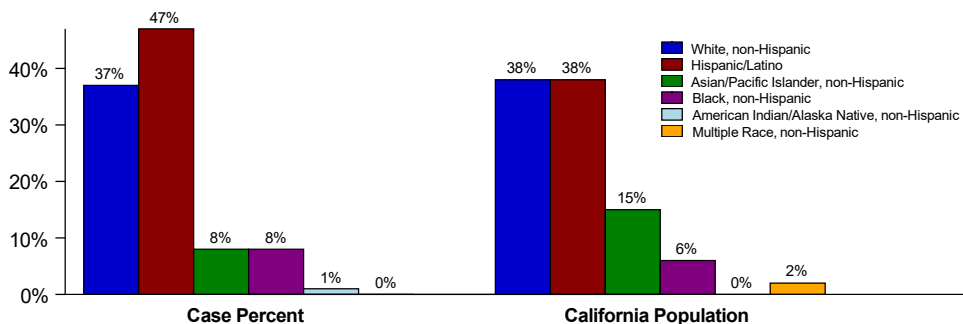
Coccidioidomycosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



Coccidioidomycosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2014-2022



Coccidioidomycosis Cases and Population by Race/Ethnicity, California, 2014-2022



34.6% (n=20190) of reported incidents of Coccidioidomycosis did not identify race/ethnicity and 6.8% (n=3950) of reported incidents identified as "Other" race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	34	0.1	25	0.1	34	0.1	37	0.1	37	0.1	39	0.1	30	0.1	24	0.1	18	0.0*
ALAMEDA COUNTY TOTAL	4	0.2*	0	-	0	-	2	0.1*	7	0.4*	1	0.1*	1	0.1*	2	0.1*	1	0.1*
ALAMEDA	4	0.3*	0	-	0	-	2	0.1*	7	0.5*	1	0.1*	0	-	2	0.1*	1	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	1	0.8*	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	1	0.4*	0	-	1	0.4*	1	0.4*	1	0.4*	1	0.4*	0	-	1	0.5*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	2	0.2*	0	-	1	0.1*	1	0.1*	2	0.2*	3	0.3*	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	2	0.2*	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-
IMPERIAL	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	1	0.1*	0	-	0	-	2	0.2*	3	0.3*	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	5	0.0*	2	0.0*	7	0.1*	9	0.1*	6	0.1*	8	0.1*	6	0.1*	7	0.1*	4	0.0*
LOS ANGELES	5	0.1*	2	0.0*	7	0.1*	9	0.1*	6	0.1*	8	0.1*	6	0.1*	7	0.1*	4	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	2	1.3*	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	3	0.1*	1	0.0*	2	0.1*	4	0.1*	2	0.1*	1	0.0*	1	0.0*	1	0.0*
PLACER	0	-	0	-	1	0.3*	0	-	2	0.5*	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	2	0.1*	0	-	0	-	1	0.0*	2	0.1*	2	0.1*	1	0.0*	0	-	0	-
SACRAMENTO	1	0.1*	2	0.1*	2	0.1*	1	0.1*	1	0.1*	1	0.1*	2	0.1*	1	0.1*	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	3	0.1*	2	0.1*	3	0.1*	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*
SAN DIEGO	5	0.2*	4	0.1*	4	0.1*	8	0.2*	2	0.1*	9	0.3*	3	0.1*	2	0.1*	0	-
SAN FRANCISCO	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-
SAN JOAQUIN	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-
SAN LUIS OBISPO	1	0.4*	0	-	4	1.4*	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*
SAN MATEO	1	0.1*	1	0.1*	1	0.1*	3	0.4*	2	0.3*	1	0.1*	1	0.1*	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	2	0.1*	4	0.2*	2	0.1*	4	0.2*	1	0.1*	1	0.1*	3	0.2*	3	0.2*	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	3	1.7*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
SONOMA	1	0.2*	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	0	-	1	0.2*	2	0.4*
STANISLAUS	1	0.2*	2	0.4*	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-	1	0.2*
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	1	1.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	2	0.4*	1	0.2*	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	1	1.8*	0	-	0	-
VENTURA	0	-	0	-	1	0.1*	2	0.2*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	0	-
YOLO	1	0.5*	1	0.5*	0	-	0	-	0	-	1	0.5*	0	-	0	-	1	0.4*
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	34	25	34	37	37	39	30	24	18	
JANUARY	3	1	1	4	1	3	7	2	3	
FEBRUARY	3	1	3	4	4	2	3	3	2	
MARCH	2	1	4	4	3	6	2	1	1	
APRIL	3	2	1	5	0	3	2	4	1	
MAY	1	4	2	4	3	1	4	2	2	
JUNE	4	2	3	0	3	1	1	3	2	
JULY	1	0	6	1	3	3	3	1	1	
AUGUST	2	6	2	1	4	3	3	3	3	
SEPTEMBER	2	3	3	4	5	4	2	0	2	
OCTOBER	1	1	2	2	3	6	1	1	1	
NOVEMBER	7	1	4	2	3	3	2	2	0	
DECEMBER	5	3	3	6	5	4	0	2	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	34	0.1	25	0.1	34	0.1	37	0.1	37	0.1	39	0.1	30	0.1	24	0.1	18	0.0*
FEMALE	14	0.1*	9	0.0*	19	0.1	21	0.1	17	0.1*	19	0.1	15	0.1*	7	0.0*	13	0.1*
MALE	20	0.1	16	0.1*	15	0.1*	16	0.1*	19	0.1	20	0.1	15	0.1*	17	0.1*	5	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	1	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	34	0.1	25	0.1	34	0.1	37	0.1	37	0.1	39	0.1	30	0.1	24	0.1	18	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
25-34	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
35-44	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
45-54	3	0.1*	3	0.1*	4	0.1*	2	0.0*	3	0.1*	2	0.0*	3	0.1*	2	0.0*	2	0.0*
55-64	9	0.2*	12	0.3*	12	0.3*	8	0.2*	13	0.3*	14	0.3*	11	0.2*	9	0.2*	6	0.1*
65+	21	0.4	10	0.2*	17	0.3*	27	0.5	20	0.3	23	0.4	15	0.2*	13	0.2*	10	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

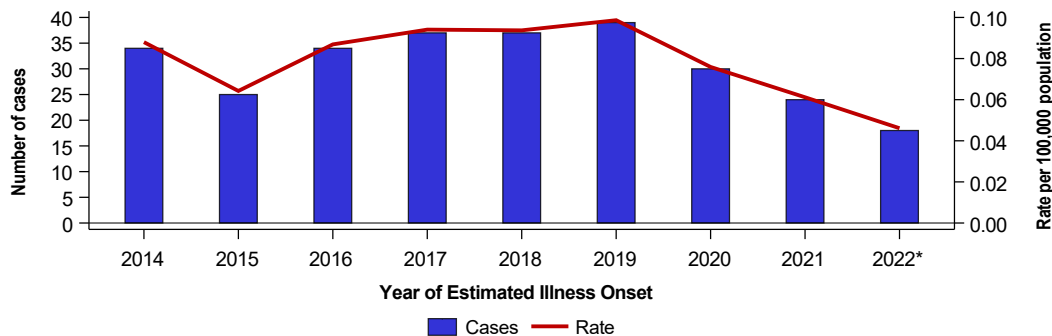
*Potentially unreliable rate: relative standard error 23 percent or more.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	34	25	34	37	37	39	30	24	18	
WHITE, NON-HISPANIC	17	19	19	16	15	19	13	14	10	
HISPANIC/LATINO	5	1	3	5	6	7	6	3	4	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	1	4	1	4	3	5	1	1	
BLACK, NON-HISPANIC	2	1	0	2	1	1	0	0	1	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	1	0	0	
MULTIPLE RACE, NON-HISPANIC	2	0	0	1	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	3	0	0	0	3	1	
UNKNOWN	7	3	8	9	11	9	5	3	1	

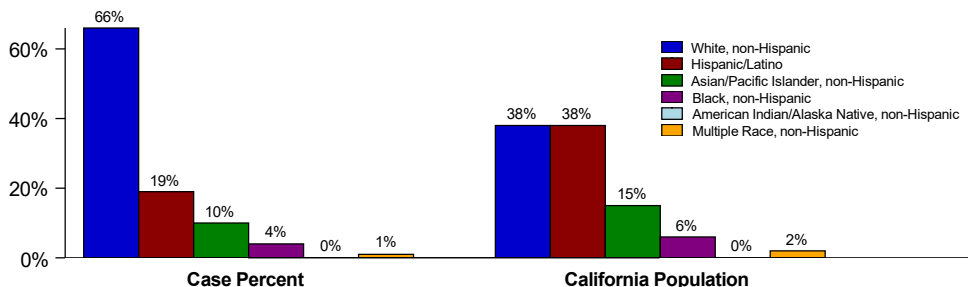
For inclusion/exclusion criteria, please refer to the Technical Notes.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies Cases and Population by Race/Ethnicity, California, 2014-2022



20.1% (n=56) of reported incidents of Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies did not identify race/ethnicity and 2.5% (n=7) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Cryptosporidiosis

Cryptosporidiosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	364	0.9	381	1.0	436	1.1	661	1.7	671	1.7	762	1.9	390	1.0	532	1.4	946	2.4
ALAMEDA COUNTY TOTAL	9	0.6*	10	0.6*	14	0.8*	28	1.7	20	1.2	27	1.6	9	0.5*	15	0.9*	19	1.2
ALAMEDA	9	0.6*	9	0.6*	14	0.9*	26	1.7	20	1.3	25	1.6	8	0.5*	14	0.9*	19	1.2
BERKELEY	0	-	1	0.8*	0	-	2	1.7*	0	-	2	1.6*	1	0.8*	1	0.8*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	1	2.6*	0	-	0	-	0	-	0	-	0	-
BUTTE	5	2.2*	15	6.5*	17	7.4*	9	3.9*	18	7.7*	21	9.3	9	4.3*	10	4.8*	17	8.2*
CALAVERAS	0	-	0	-	1	2.2*	0	-	0	-	1	2.2*	0	-	0	-	0	-
COLUSA	2	9.3*	0	-	1	4.6*	1	4.6*	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	8	0.7*	6	0.5*	10	0.9*	6	0.5*	7	0.6*	9	0.8*	5	0.4*	11	0.9*	16	1.4*
DEL NORTE	0	-	1	3.7*	1	3.7*	2	7.4*	4	14.5*	1	3.6*	0	-	2	7.3*	1	3.8*
EL DORADO	0	-	1	0.5*	1	0.5*	3	1.6*	3	1.6*	7	3.7*	2	1.0*	3	1.6*	4	2.1*
FRESNO	7	0.7*	13	1.3*	10	1.0*	13	1.3*	11	1.1*	16	1.6*	3	0.3*	12	1.2*	10	1.0*
GLENN	0	-	0	-	0	-	2	7.1*	0	-	1	3.5*	0	-	0	-	0	-
HUMBOLDT	4	2.9*	6	4.4*	3	2.2*	1	0.7*	2	1.5*	5	3.7*	1	0.7*	4	3.0*	4	3.0*
IMPERIAL	0	-	0	-	1	0.6*	1	0.6*	0	-	1	0.6*	2	1.1*	3	1.7*	4	2.2*
INYO	4	21.2*	2	10.6*	0	-	2	10.6*	2	10.6*	9	47.5*	5	26.3*	3	15.9*	8	42.4*
KERN	8	0.9*	5	0.6*	6	0.7*	6	0.7*	17	1.9*	16	1.8*	11	1.2*	14	1.5*	13	1.4*
KINGS	2	1.3*	1	0.7*	0	-	0	-	0	-	5	3.3*	1	0.7*	3	2.0*	2	1.3*
LAKE	0	-	1	1.5*	0	-	1	1.5*	0	-	0	-	0	-	1	1.5*	4	5.9*
LASSEN	2	6.1*	2	6.3*	1	3.1*	1	3.1*	1	3.0*	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	90	0.9	61	0.6	105	1.0	168	1.7	183	1.8	178	1.8	115	1.1	129	1.3	264	2.7
LOS ANGELES	79	0.8	54	0.6	97	1.0	150	1.6	175	1.8	161	1.7	102	1.1	114	1.2	246	2.7
LONG BEACH	11	2.3*	5	1.1*	8	1.7*	17	3.6*	8	1.7*	14	3.0*	11	2.4*	14	3.0*	18	3.9*
PASADENA	0	-	2	1.4*	0	-	1	0.7*	0	-	3	2.1*	2	1.4*	1	0.7*	0	-
MADERA	0	-	0	-	0	-	2	1.3*	0	-	1	0.6*	0	-	2	1.3*	2	1.3*
MARIN	3	1.1*	15	5.7*	17	6.4*	39	14.7	25	9.4	3	1.1*	4	1.5*	4	1.5*	3	1.2*
MARIPOSA	0	-	0	-	1	5.7*	0	-	0	-	1	5.8*	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	1	1.1*	4	4.4*	0	-	0	-	1	1.1*	13	14.5*
MERCED	0	-	0	-	1	0.4*	0	-	2	0.7*	2	0.7*	5	1.8*	1	0.4*	1	0.4*
MODOC	0	-	0	-	0	-	0	-	0	-	2	23.0*	0	-	0	-	0	-
MONO	0	-	0	-	0	-	1	7.5*	0	-	2	15.1*	2	15.0*	1	7.5*	0	-
MONTEREY	1	0.2*	2	0.5*	6	1.4*	3	0.7*	4	0.9*	2	0.5*	1	0.2*	5	1.1*	5	1.2*
NAPA	3	2.1*	1	0.7*	0	-	4	2.9*	0	-	5	3.6*	1	0.7*	0	-	4	3.0*
NEVADA	0	-	2	2.0*	2	2.0*	1	1.0*	0	-	1	1.0*	0	-	2	2.0*	3	3.0*
ORANGE	24	0.8	29	0.9	25	0.8	34	1.1	26	0.8	46	1.4	25	0.8	28	0.9	55	1.7
PLACER	1	0.3*	3	0.8*	1	0.3*	2	0.5*	2	0.5*	3	0.7*	5	1.2*	6	1.5*	6	1.5*
PLUMAS	0	-	0	-	1	5.1*	1	5.1*	1	5.1*	0	-	2	10.1*	0	-	0	-
RIVERSIDE	9	0.4*	17	0.7*	22	0.9	19	0.8	31	1.3	52	2.2	21	0.9	43	1.8	61	2.5
SACRAMENTO	6	0.4*	6	0.4*	11	0.7*	19	1.2	16	1.0*	19	1.2	18	1.1*	22	1.4	18	1.1*
SAN BENITO	1	1.7*	0	-	0	-	0	-	2	3.2*	9	14.2*	2	3.1*	3	4.6*	2	3.0*
SAN BERNARDINO	10	0.5*	6	0.3*	9	0.4*	8	0.4*	15	0.7*	11	0.5*	7	0.3*	5	0.2*	14	0.6*
SAN DIEGO	36	1.1	25	0.8	34	1.0	55	1.7	90	2.7	99	3.0	29	0.9	56	1.7	94	2.9
SAN FRANCISCO	17	2.0*	45	5.3	23	2.7	29	3.3	20	2.3	16	1.8*	9	1.0*	30	3.6	70	8.4
SAN JOAQUIN	1	0.1*	1	0.1*	1	0.1*	32	4.3	5	0.7*	8	1.0*	5	0.6*	2	0.3*	5	0.6*
SAN LUIS OBISPO	8	2.9*	6	2.1*	8	2.8*	9	3.2*	9	3.2*	8	2.8*	3	1.1*	2	0.7*	13	4.6*
SAN MATEO	28	3.7	40	5.3	23	3.0	30	3.9	16	2.1*	33	4.3	9	1.2*	17	2.3*	36	4.9
SANTA BARBARA	11	2.5*	7	1.6*	15	3.4*	19	4.3	35	7.8	27	6.0	16	3.6*	18	4.1*	44	9.9
SANTA CLARA	27	1.4	16	0.8*	24	1.2	38	2.0	37	1.9	48	2.5	18	0.9*	19	1.0	43	2.3
SANTA CRUZ	5	1.8*	4	1.5*	9	3.3*	12	4.4*	11	4.0*	6	2.2*	7	2.6*	8	3.0*	6	2.3*
SHASTA	2	1.1*	1	0.6*	0	-	3	1.7*	1	0.6*	3	1.7*	2	1.1*	0	-	3	1.7*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	2	4.5*	1	2.2*	0	-	0	-	0	-	2	4.5*	0	-	2	4.6*	0	-
SOLANO	0	-	3	0.7*	2	0.5*	5	1.1*	1	0.2*	3	0.7*	0	-	5	1.1*	3	0.7*
SONOMA	4	0.8*	5	1.0*	3	0.6*	7	1.4*	6	1.2*	7	1.4*	5	1.0*	7	1.4*	8	1.7*
STANISLAUS	0	-	1	0.2*	1	0.2*	4	0.7*	4	0.7*	1	0.2*	4	0.7*	1	0.2*	1	0.2*
SUTTER	0	-	1	1.0*	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-
TEHAMA	0	-	0	-	0	-	2	3.1*	0	-	4	6.1*	1	1.5*	4	6.1*	2	3.1*
TRINITY	0	-	0	-	0	-	0	-	0	-	1	6.2*	0	-	0	-	0	-
TULARE	10	2.2*	8	1.7*	8	1.7*	12	2.6*	6	1.3*	15	3.2*	5	1.1*	8	1.7*	14	2.9*
TUOLUMNE	0	-	0	-	1	1.8*	1	1.8*	1	1.8*	1	1.8*	0	-	0	-	0	-
VENTURA	8	0.9*	7	0.8*	15	1.8*	17	2.0*	27	3.2	21	2.5	16	1.9*	16	1.9*	33	4.0
YOLO	4	1.9*	4	1.9*	2	0.9*	7	3.3*	4	1.8*	3	1.4*	3	1.4*	3	1.4*	7	3.1*
YUBA	2	2.7*	1	1.3*	0	-	0	-	2	2.5*	0	-	1	1.2*	1	1.2*	2	2.4*

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cryptosporidiosis

Cryptosporidiosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	364	381	436	661	671	762	390	532	946	
JANUARY	30	30	32	32	44	53	69	14	56	
FEBRUARY	23	19	33	26	36	31	49	21	41	
MARCH	27	32	21	30	36	33	26	26	64	
APRIL	33	21	18	27	35	54	15	29	82	
MAY	35	31	31	41	46	49	32	41	86	
JUNE	24	29	33	57	63	78	33	59	86	
JULY	33	30	50	93	97	99	25	51	82	
AUGUST	48	42	68	107	82	82	40	66	114	
SEPTEMBER	41	43	43	87	70	71	29	57	73	
OCTOBER	25	36	39	68	56	76	34	56	96	
NOVEMBER	24	29	38	44	53	75	23	60	94	
DECEMBER	21	39	30	49	53	61	15	52	72	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Cryptosporidiosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	364	0.9	381	1.0	436	1.1	661	1.7	671	1.7	762	1.9	390	1.0	532	1.4	946	2.4
FEMALE	158	0.8	144	0.7	181	0.9	300	1.5	284	1.4	372	1.9	146	0.7	192	1.0	458	2.3
MALE	195	1.0	235	1.2	253	1.3	360	1.8	387	2.0	386	2.0	241	1.2	336	1.7	485	2.5
UNKNOWN	11	-	2	-	2	-	1	-	0	-	4	-	3	-	4	-	3	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cryptosporidiosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	364	0.9	381	1.0	436	1.1	661	1.7	671	1.7	762	1.9	390	1.0	532	1.4	946	2.4
0	3	0.6*	2	0.4*	3	0.6*	7	1.5*	3	0.7*	1	0.2*	4	0.9*	3	0.7*	7	1.6*
1-4	19	1.0	22	1.1	32	1.6	50	2.5	35	1.8	38	2.0	16	0.8*	28	1.5	32	1.8
5-9	16	0.6*	25	1.0	29	1.1	26	1.0	31	1.2	27	1.1	16	0.6*	11	0.4*	33	1.3
10-14	15	0.6*	19	0.8	30	1.2	37	1.5	26	1.0	37	1.5	8	0.3*	18	0.7*	26	1.0
15-24	54	1.0	43	0.8	52	0.9	92	1.7	94	1.7	101	1.9	44	0.8	63	1.1	97	1.8
25-34	79	1.5	75	1.4	75	1.4	147	2.7	136	2.5	146	2.7	98	1.8	127	2.4	193	3.6
35-44	55	1.1	54	1.0	57	1.1	97	1.9	101	2.0	120	2.3	55	1.1	89	1.8	152	3.2
45-54	53	1.0	57	1.1	65	1.2	68	1.3	98	1.9	96	1.9	52	1.1	66	1.4	123	2.6
55-64	30	0.7	45	1.0	49	1.0	64	1.3	67	1.4	87	1.7	43	0.9	61	1.3	104	2.2
65+	37	0.7	39	0.7	43	0.8	73	1.3	80	1.3	109	1.8	54	0.9	62	1.0	178	2.7
UNKNOWN	3	-	0	-	1	-	0	-	0	-	0	-	0	-	4	-	1	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

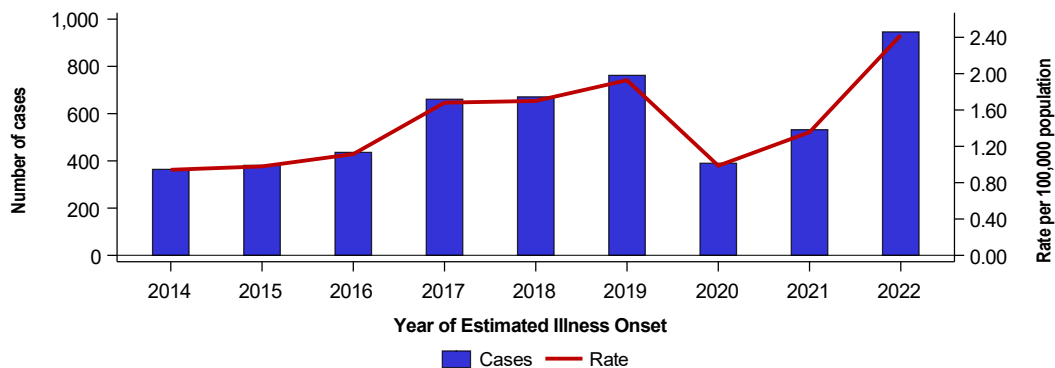
*Potentially unreliable rate: relative standard error 23 percent or more.

Cryptosporidiosis, Cases by Race/Ethnicity, California, 2014-2022

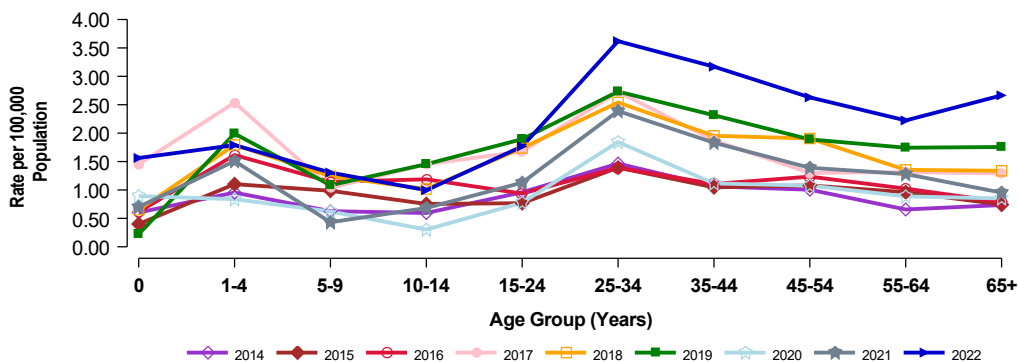
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	364	381	436	661	671	762	390	532	946		
WHITE, NON-HISPANIC	123	162	167	249	269	268	139	186	395		
HISPANIC/LATINO	67	67	90	153	149	187	84	154	214		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	15	15	17	39	21	31	8	26	49		
BLACK, NON-HISPANIC	20	22	19	26	21	19	20	27	42		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	2	0	0	1	3	0	0	0	1		
MULTIPLE RACE, NON-HISPANIC	2	1	0	0	2	2	4	2	3		
OTHER, NON-HISPANIC	7	11	14	30	32	50	28	28	83		
UNKNOWN	128	103	129	163	174	205	107	109	159		

For inclusion/exclusion criteria, please refer to the Technical Notes.

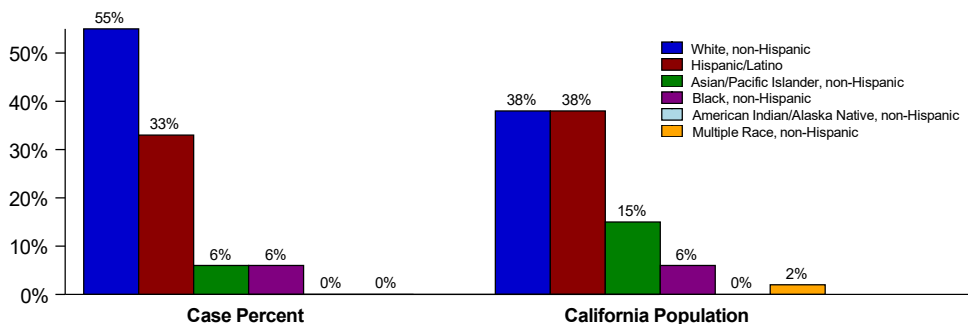
Cryptosporidiosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



Cryptosporidiosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2014-2022



Cryptosporidiosis Cases and Population by Race/Ethnicity, California, 2014-2022



24.8% (n=1277) of reported incidents of Cryptosporidiosis did not identify race/ethnicity and 5.5% (n=283) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Cyclosporiasis

Cyclosporiasis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2014		2015		2016		2017		2018		2019		2020		2021		2022			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	3	0.0*	15	0.0*	22	0.1	64	0.2	172	0.4	91	0.2	19	0.0	72	0.2	156	0.4		
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	0	-	2	0.1*	6	0.4*	0	-	0	-	8	0.5*	11	0.7*		
ALAMEDA	0	-	1	0.1*	0	-	1	0.1*	4	0.3*	0	-	0	-	8	0.5*	8	0.5*		
BERKELEY	0	-	0	-	0	-	1	0.8*	2	1.6*	0	-	0	-	0	-	3	2.4*		
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
AMADOR	0	-	0	-	0	-	0	-	1	2.5*	0	-	0	-	0	-	0	-		
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-		
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	4.6*		
CONTRA COSTA	0	-	0	-	1	0.1*	0	-	2	0.2*	0	-	0	-	0	-	4	0.3*		
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
EL DORADO	0	-	0	-	1	0.5*	0	-	2	1.1*	0	-	0	-	0	-	1	0.5*		
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*		
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
HUMBOLDT	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	1	0.7*		
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	3	1.7*		
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
KERN	0	-	1	0.1*	0	-	0	-	4	0.4*	3	0.3*	0	-	2	0.2*	2	0.2*		
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	1	0.7*		
LAKE	0	-	0	-	0	-	0	-	0	-	1	1.5*	0	-	0	-	1	1.5*		
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
LOS ANGELES COUNTY TOTAL	1	0.0*	1	0.0*	6	0.1*	16	0.2*	33	0.3	31	0.3	3	0.0*	3	0.0*	26	0.3		
LOS ANGELES	1	0.0*	0	-	4	0.0*	14	0.1*	29	0.3	28	0.3	3	0.0*	0	-	21	0.2		
LONG BEACH	0	-	1	0.2*	2	0.4*	2	0.4*	4	0.8*	3	0.6*	0	-	3	0.7*	5	1.1*		
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MADERA	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-		
MARIN	0	-	0	-	0	-	0	-	2	0.8*	2	0.8*	1	0.4*	1	0.4*	3	1.2*		
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MENDOCINO	0	-	0	-	0	-	0	-	0	-	1	1.1*	0	-	2	2.2*	0	-		
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MONTEREY	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*	1	0.2*	0	-	1	0.2*		
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
ORANGE	0	-	0	-	1	0.0*	2	0.1*	6	0.2*	8	0.3*	2	0.1*	8	0.3*	16	0.5*		
PLACER	0	-	0	-	0	-	1	0.3*	3	0.8*	0	-	0	-	0	-	1	0.2*		
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
RIVERSIDE	1	0.0*	0	-	0	-	3	0.1*	1	0.0*	3	0.1*	0	-	8	0.3*	10	0.4*		
SACRAMENTO	0	-	0	-	0	-	0	-	2	0.1*	1	0.1*	0	-	3	0.2*	3	0.2*		
SAN BENITO	0	-	0	-	0	-	0	-	0	-	1	1.6*	1	1.6*	0	-	0	-		
SAN BERNARDINO	0	-	0	-	1	0.0*	2	0.1*	1	0.0*	1	0.0*	0	-	0	-	2	0.1*		
SAN DIEGO	0	-	1	0.0*	1	0.0*	5	0.2*	8	0.2*	10	0.3*	3	0.1*	3	0.1*	13	0.4*		
SAN FRANCISCO	0	-	1	0.1*	0	-	4	0.5*	35	4.0	4	0.5*	2	0.2*	7	0.8*	17	2.0*		
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN LUIS OBISPO	1	0.4*	0	-	0	-	0	-	0	-	2	0.7*	0	-	1	0.4*	3	1.1*		
SAN MATEO	0	-	3	0.4*	2	0.3*	4	0.5*	25	3.3	3	0.4*	0	-	4	0.5*	2	0.3*		
SANTA BARBARA	0	-	2	0.5*	1	0.2*	3	0.7*	1	0.2*	5	1.1*	2	0.4*	7	1.6*	6	1.4*		
SANTA CLARA	0	-	3	0.2*	3	0.2*	8	0.4*	29	1.5	5	0.3*	0	-	7	0.4*	10	0.5*		
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	2.3*		
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.4*		
SONOMA	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-		
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*		
SUTTER	0	-	0	-	1	1.0*	0	-	2	2.0*	0	-	1	1.0*	0	-	0	-		
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
TULARE	0	-	0	-	0	-	5	1.1*	0	-	0	-	2	0.4*	1	0.2*	3	0.6*		
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
VENTURA	0	-	2	0.2*	4	0.5*	9	1.1*	5	0.6*	8	0.9*	1	0.1*	3	0.4*	10	1.2*		
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-		
YUBA	0	-	0	-	0	-	0	-	1	1.3*	0	-	0	-	0	-	0	-		

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cyclosporiasis

Cyclosporiasis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	3	15	22	64	172	91	19	72	156	
JANUARY	0	0	0	0	0	2	0	0	1	
FEBRUARY	0	0	0	0	1	3	1	0	0	
MARCH	0	0	1	1	0	0	1	0	0	
APRIL	0	1	0	0	4	2	1	0	4	
MAY	0	2	3	6	54	7	0	4	35	
JUNE	1	3	3	27	63	42	1	30	35	
JULY	2	6	4	20	31	21	9	24	49	
AUGUST	0	1	6	4	12	6	3	9	22	
SEPTEMBER	0	0	4	1	4	3	2	4	5	
OCTOBER	0	1	1	2	1	2	0	0	3	
NOVEMBER	0	1	0	2	1	2	1	0	1	
DECEMBER	0	0	0	1	1	1	0	1	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Cyclosporiasis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014	2015	2016	2017	2018	2019	2020	2021	2022									
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE								
TOTAL	3	0.0*	15	0.0*	22	0.1	64	0.2	172	0.4	91	0.2	19	0.0	72	0.2	156	0.4
FEMALE	2	0.0*	8	0.0*	10	0.1*	29	0.1	82	0.4	44	0.2	9	0.0*	35	0.2	75	0.4
MALE	1	0.0*	7	0.0*	12	0.1*	35	0.2	90	0.5	46	0.2	10	0.1*	37	0.2	80	0.4
UNKNOWN	0	-	0	-	0	-	0	-	0	-	1	-	0	-	0	-	1	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cyclosporiasis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014	2015	2016	2017	2018	2019	2020	2021	2022									
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE								
TOTAL	3	0.0*	15	0.0*	22	0.1	64	0.2	172	0.4	91	0.2	19	0.0	72	0.2	156	0.4
0	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
5-9	0	-	0	-	0	-	1	0.0*	2	0.1*	1	0.0*	0	-	0	-	1	0.0*
10-14	0	-	0	-	0	-	1	0.0*	2	0.1*	1	0.0*	1	0.0*	1	0.0*	0	-
15-24	0	-	0	-	4	0.1*	2	0.0*	14	0.3*	5	0.1*	0	-	1	0.0*	14	0.3*
25-34	0	-	4	0.1*	3	0.1*	12	0.2*	19	0.4	5	0.1*	2	0.0*	16	0.3*	37	0.7
35-44	0	-	2	0.0*	3	0.1*	11	0.2*	43	0.8	19	0.4	4	0.1*	19	0.4	30	0.6
45-54	1	0.0*	3	0.1*	2	0.0*	13	0.2*	30	0.6	20	0.4	4	0.1*	13	0.3*	31	0.7
55-64	1	0.0*	3	0.1*	6	0.1*	5	0.1*	27	0.5	18	0.4*	2	0.0*	11	0.2*	14	0.3*
65+	1	0.0*	3	0.1*	3	0.1*	19	0.3	21	0.4	22	0.4	4	0.1*	11	0.2*	29	0.4
UNKNOWN	0	-	0	-	1	-	0	-	14	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

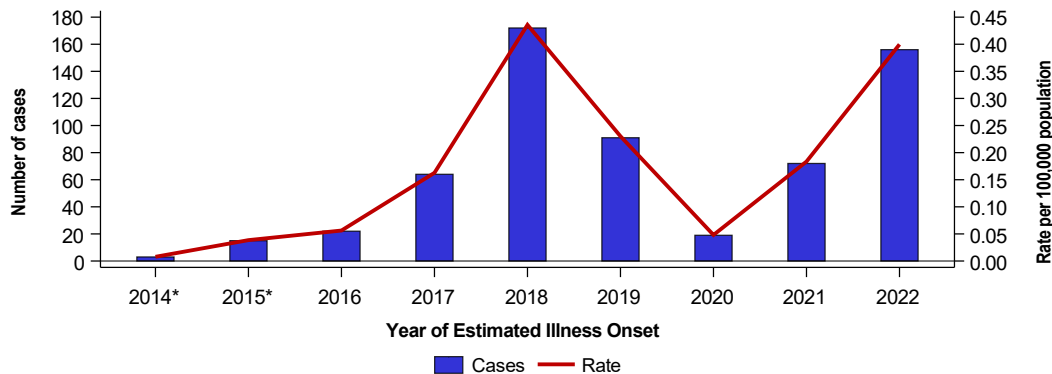
*Potentially unreliable rate: relative standard error 23 percent or more.

Cyclosporiasis, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	3	15	22	64	172	91	19	72	156	
WHITE, NON-HISPANIC	1	5	6	30	60	28	8	21	45	
HISPANIC/LATINO	1	4	7	13	23	36	6	22	39	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	1	0	3	7	0	0	3	11	
BLACK, NON-HISPANIC	1	0	0	0	2	0	0	3	5	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	5	0	0	0	1	
OTHER, NON-HISPANIC	0	0	0	1	9	3	1	3	11	
UNKNOWN	0	5	9	17	66	24	4	20	44	

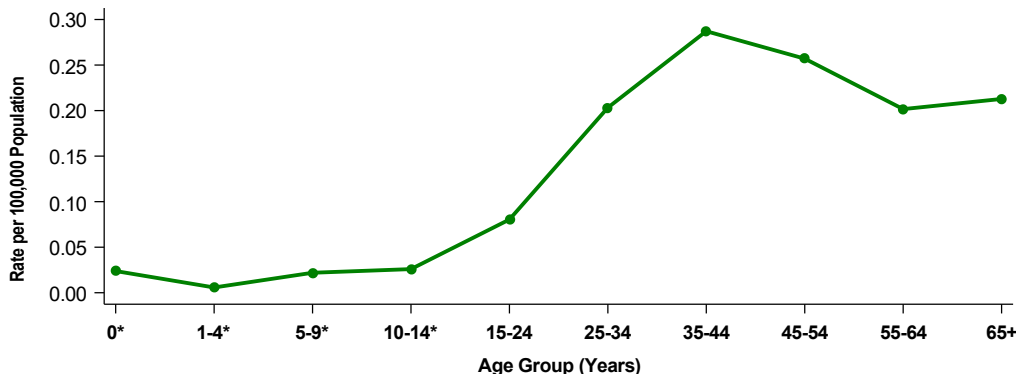
For inclusion/exclusion criteria, please refer to the Technical Notes.

Cyclosporiasis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



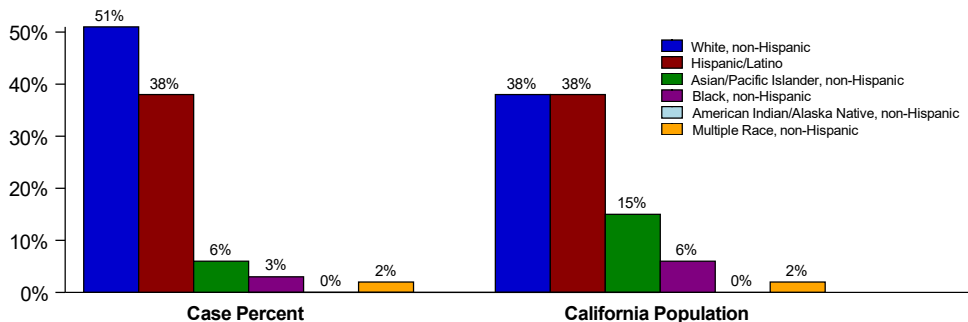
*Potentially unreliable rate: relative standard error 23 percent or more.

Cyclosporiasis Average Incidence Rates by Age Group, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Cyclosporiasis Cases and Population by Race/Ethnicity, California, 2014-2022



30.8% (n=189) of reported incidents of Cyclosporiasis did not identify race/ethnicity and 4.6% (n=28) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Cysticercosis or Taeniasis

Cysticercosis or Taeniasis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	27	0.1	33	0.1	35	0.1	29	0.1	20	0.1	16	0.0*	14	0.0*	17	0.0*	18	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	1	0.1*	3	0.2*	2	0.1*	1	0.1*	1	0.1*	3	0.2*	1	0.1*	2	0.1*
ALAMEDA	1	0.1*	1	0.1*	2	0.1*	2	0.1*	1	0.1*	1	0.1*	3	0.2*	1	0.1*	2	0.1*
BERKELEY	0	-	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	1	0.4*	1	0.4*	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	4.6*
CONTRA COSTA	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	2	0.2*	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	0	-	3	0.3*	1	0.1*	2	0.2*	2	0.2*	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	1	0.1*
KINGS	0	-	0	-	1	0.7*	0	-	0	-	0	-	1	0.7*	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	7	0.1*	11	0.1*	7	0.1*	9	0.1*	4	0.0*	6	0.1*	1	0.0*	3	0.0*	3	0.0*
LOS ANGELES	7	0.1*	11	0.1*	4	0.0*	7	0.1*	4	0.0*	6	0.1*	1	0.0*	3	0.0*	3	0.0*
LONG BEACH	0	-	0	-	3	0.6*	1	0.2*	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	1	0.4*	2	0.7*	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	2	0.5*	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	3	0.1*	4	0.1*	5	0.2*	6	0.2*	2	0.1*	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	1	0.3*	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	2	0.1*	7	0.3*	2	0.1*	0	-	3	0.1*	0	-	0	-	2	0.1*	1	0.0*
SACRAMENTO	0	-	0	-	1	0.1*	2	0.1*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	2	0.1*
SAN BENITO	1	1.7*	0	-	0	-	0	-	0	-	0	-	0	-	1	1.5*	0	-
SAN BERNARDINO	1	0.0*	2	0.1*	2	0.1*	0	-	0	-	1	0.0*	0	-	0	-	0	-
SAN DIEGO	4	0.1*	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	2	0.1*	1	0.0*	3	0.1*
SAN FRANCISCO	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	0	-	2	0.2*	1	0.1*
SAN JOAQUIN	2	0.3*	2	0.3*	2	0.3*	0	-	1	0.1*	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SANTA BARBARA	2	0.5*	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*	0	-	0	-
SANTA CLARA	0	-	0	-	3	0.2*	0	-	0	-	2	0.1*	1	0.1*	5	0.3*	2	0.1*
SANTA CRUZ	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	1	0.2*	2	0.4*	1	0.2*	0	-	1	0.2*	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-
YOLO	0	-	0	-	0	-	0	-	2	0.9*	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cysticercosis or Taeniasis

Cysticercosis or Taeniasis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	27	33	35	29	20	16	14	17	18	
JANUARY	0	3	3	2	1	2	1	0	1	
FEBRUARY	4	3	1	4	0	2	0	3	1	
MARCH	0	5	4	1	1	0	2	1	2	
APRIL	5	3	2	4	2	1	2	4	1	
MAY	3	1	3	2	4	1	1	1	0	
JUNE	3	2	5	2	4	3	3	1	2	
JULY	2	4	5	5	0	3	1	2	0	
AUGUST	2	1	3	2	1	3	0	1	6	
SEPTEMBER	3	4	1	4	3	0	1	1	3	
OCTOBER	2	5	3	2	2	0	2	1	1	
NOVEMBER	2	1	3	1	0	0	0	1	1	
DECEMBER	1	1	2	0	2	1	1	1	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Cysticercosis or Taeniasis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	27	0.1	33	0.1	35	0.1	29	0.1	20	0.1	16	0.0*	14	0.0*	17	0.0*	18	0.0*
FEMALE	10	0.1*	8	0.0*	16	0.1*	13	0.1*	8	0.0*	7	0.0*	6	0.0*	7	0.0*	7	0.0*
MALE	17	0.1*	25	0.1	19	0.1	16	0.1*	12	0.1*	9	0.0*	8	0.0*	10	0.1*	11	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cysticercosis or Taeniasis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	27	0.1	33	0.1	35	0.1	29	0.1	20	0.1	16	0.0*	14	0.0*	17	0.0*	18	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	2	0.1*	0	-	1	0.0*
15-24	1	0.0*	2	0.0*	2	0.0*	6	0.1*	1	0.0*	3	0.1*	3	0.1*	0	-	1	0.0*
25-34	7	0.1*	6	0.1*	7	0.1*	2	0.0*	4	0.1*	4	0.1*	1	0.0*	2	0.0*	6	0.1*
35-44	6	0.1*	12	0.2*	13	0.3*	7	0.1*	5	0.1*	4	0.1*	1	0.0*	6	0.1*	6	0.1*
45-54	5	0.1*	5	0.1*	5	0.1*	7	0.1*	8	0.2*	5	0.1*	5	0.1*	4	0.1*	1	0.0*
55-64	6	0.1*	5	0.1*	5	0.1*	5	0.1*	2	0.0*	0	-	1	0.0*	0	-	2	0.0*
65+	1	0.0*	2	0.0*	3	0.1*	2	0.0*	0	-	0	-	1	0.0*	5	0.1*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

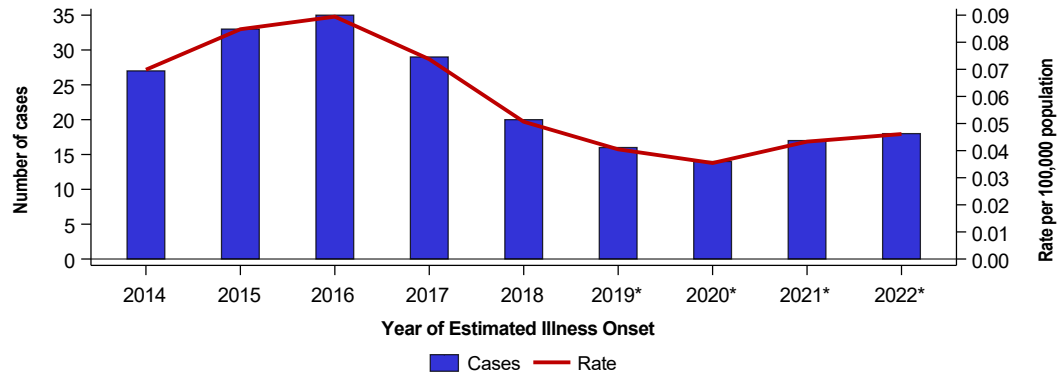
*Potentially unreliable rate: relative standard error 23 percent or more.

Cysticercosis or Taeniasis, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	27	33	35	29	20	16	14	17	18		
WHITE, NON-HISPANIC	3	2	0	0	0	0	0	1	2		
HISPANIC/LATINO	17	25	20	21	11	11	7	10	8		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	2	1	3	4	2	1	2	1	2		
BLACK, NON-HISPANIC	1	2	2	1	1	1	1	3	3		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	1	0	0	0	0	0		
OTHER, NON-HISPANIC	0	0	1	0	0	0	1	0	0		
UNKNOWN	4	3	9	2	6	3	3	2	3		

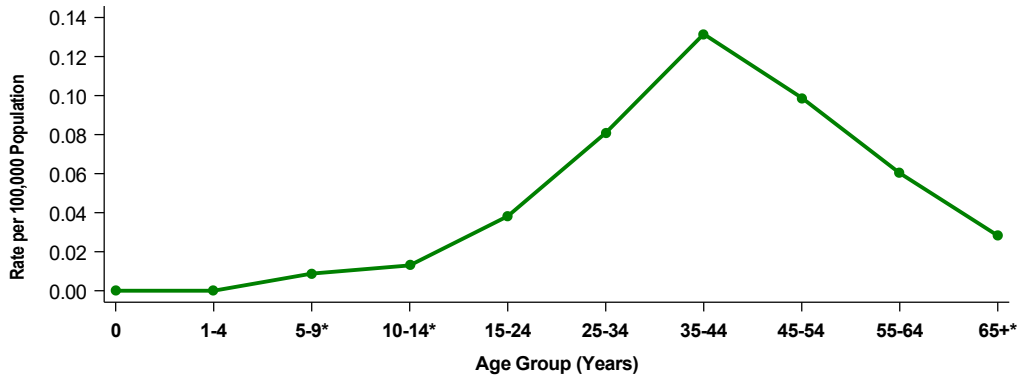
For inclusion/exclusion criteria, please refer to the Technical Notes.

Cysticercosis or Taeniasis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



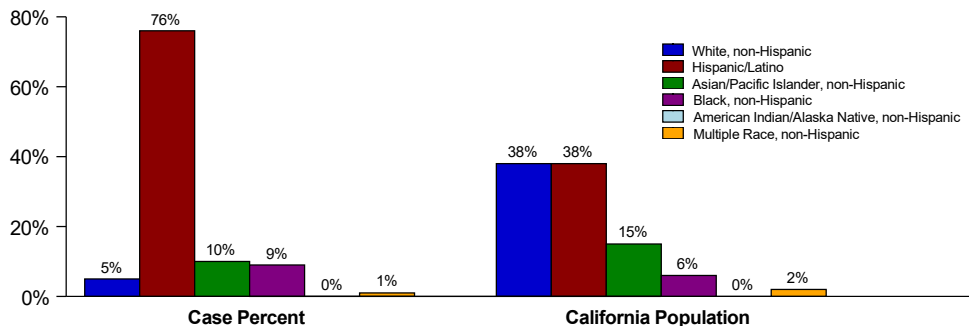
*Potentially unreliable rate: relative standard error 23 percent or more.

Cysticercosis or Taeniasis Average Incidence Rates by Age Group, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Cysticercosis or Taeniasis Cases and Population by Race/Ethnicity, California, 2014-2022



16.7% (n=35) of reported incidents of Cysticercosis or Taeniasis did not identify race/ethnicity and 1% (n=2) of reported incidents identified as "Other" race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Dengue Virus Infection

Dengue Virus Infection, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	130	0.3	144	0.4	201	0.5	132	0.3	107	0.3	266	0.7	84	0.2	34	0.1	127	0.3
ALAMEDA COUNTY TOTAL	5	0.3*	15	0.9*	16	1.0*	20	1.2	7	0.4*	23	1.4	5	0.3*	2	0.1*	12	0.7*
ALAMEDA	5	0.3*	13	0.9*	12	0.8*	18	1.2*	7	0.5*	23	1.5	4	0.3*	2	1.1*	8	0.5*
BERKELEY	0	-	2	1.7*	4	3.3*	2	1.7*	0	-	0	-	1	0.8*	0	-	4	3.2*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	1	2.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	1	0.4*	0	-	0	-	1	0.4*	0	-	2	0.9*	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	3	0.3*	7	0.6*	10	0.9*	4	0.3*	6	0.5*	17	1.5*	1	0.1*	0	-	3	0.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	1	0.5*	2	1.1*	0	-	1	0.5*	1	0.5*	0	-	0	-
FRESNO	2	0.2*	1	0.1*	6	0.6*	2	0.2*	0	-	2	0.2*	1	0.1*	1	0.1*	2	0.2*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	1	0.7*	1	0.7*	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	3	1.7*	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	3	0.3*	1	0.1*	0	-	0	-	3	0.3*	1	0.1*	2	0.2*	0	-	2	0.2*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	36	0.4	36	0.4	50	0.5	20	0.2	28	0.3	56	0.6	22	0.2	7	0.1*	35	0.4
LOS ANGELES	33	0.3	30	0.3	47	0.5	19	0.2	24	0.3	52	0.5	19	0.2	6	0.1*	35	0.4
LONG BEACH	3	0.6*	5	1.1*	0	-	1	0.2*	3	0.6*	2	0.4*	3	0.6*	0	-	0	-
PASADENA	0	-	1	0.7*	3	2.1*	0	-	1	0.7*	2	1.4*	0	-	1	0.7*	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	1	0.4*	1	0.4*	3	1.1*	2	0.8*	0	-	3	1.1*	1	0.4*	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	1	1.1*	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	1	0.4*	0	-	0	-	0	-	1	0.4*	1	0.4*	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	2	0.5*	1	0.2*	3	0.7*	0	-	1	0.2*	0	-	0	-	1	0.2*
NAPA	1	0.7*	0	-	1	0.7*	0	-	0	-	0	-	2	1.4*	0	-	1	0.7*
NEVADA	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-
ORANGE	17	0.5*	12	0.4*	12	0.4*	10	0.3*	12	0.4*	19	0.6	7	0.2*	5	0.2*	6	0.2*
PLACER	0	-	3	0.8*	2	0.5*	1	0.3*	1	0.3*	3	0.7*	0	-	0	-	1	0.2*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	5	0.2*	6	0.3*	3	0.1*	1	0.0*	1	0.0*	7	0.3*	3	0.1*	0	-	3	0.1*
SACRAMENTO	3	0.2*	6	0.4*	3	0.2*	6	0.4*	1	0.1*	10	0.6*	1	0.1*	3	0.2*	6	0.4*
SAN BENITO	0	-	0	-	0	-	0	-	1	1.6*	0	-	0	-	0	-	0	-
SAN BERNARDINO	7	0.3*	2	0.1*	7	0.3*	3	0.1*	0	-	6	0.3*	3	0.1*	0	-	0	-
SAN DIEGO	8	0.2*	12	0.4*	23	0.7	9	0.3*	9	0.3*	26	0.8	4	0.1*	3	0.1*	14	0.4*
SAN FRANCISCO	7	0.8*	4	0.5*	4	0.5*	2	0.2*	3	0.3*	14	1.6*	1	0.1*	0	-	6	0.7*
SAN JOAQUIN	0	-	0	-	3	0.4*	2	0.3*	0	-	2	0.3*	2	0.3*	2	0.3*	1	0.1*
SAN LUIS OBISPO	2	0.7*	1	0.4*	1	0.4*	1	0.4*	1	0.4*	5	1.8*	0	-	0	-	1	0.4*
SAN MATEO	6	0.8*	11	1.4*	10	1.3*	3	0.4*	8	1.0*	8	1.0*	4	0.5*	1	0.1*	6	0.8*
SANTA BARBARA	0	-	3	0.7*	5	1.1*	1	0.2*	0	-	1	0.2*	0	-	1	0.2*	2	0.5*
SANTA CLARA	13	0.7*	11	0.6*	20	1.0	24	1.2	14	0.7*	40	2.1	7	0.4*	7	0.4*	17	0.9*
SANTA CRUZ	0	-	3	1.1*	1	0.4*	2	0.7*	1	0.4*	1	0.4*	1	0.4*	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	3	0.7*	4	0.9*	2	0.4*	2	0.4*	0	-	2	0.4*	2	0.4*
SONOMA	5	1.0*	0	-	2	0.4*	1	0.2*	0	-	4	0.8*	5	1.0*	0	-	0	-
STANISLAUS	0	-	1	0.2*	4	0.7*	2	0.4*	2	0.4*	0	-	2	0.4*	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	3	3.0*	0	-	0	-
TEHAMA	0	-	0	-	1	1.6*	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	1	0.2*	1	0.2*	0	-	0	-
TUOLUMNE	0	-	0	-	1	1.8*	0	-	1	1.8*	1	1.8*	0	-	0	-	0	-
VENTURA	1	0.1*	0	-	3	0.4*	3	0.4*	2	0.2*	6	0.7*	3	0.4*	0	-	1	0.1*
YOLO	2	1.0*	1	0.5*	1	0.5*	1	0.5*	1	0.5*	3	1.4*	1	0.5*	0	-	4	1.8*
YUBA	0	-	0	-	0	-	0	-	1	1.3*	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Dengue Virus Infection

Dengue Virus Infection, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	130	144	201	132	107	266	84	34	127	
JANUARY	11	10	28	11	6	11	25	4	5	
FEBRUARY	2	9	19	8	1	1	4	0	2	
MARCH	4	6	15	5	1	5	5	1	7	
APRIL	2	10	10	2	3	13	0	1	4	
MAY	7	9	8	5	5	10	1	1	9	
JUNE	11	11	10	5	10	10	5	3	8	
JULY	18	14	27	18	18	34	2	2	21	
AUGUST	17	17	30	23	16	57	11	3	21	
SEPTEMBER	8	11	18	19	6	33	8	2	18	
OCTOBER	20	15	19	20	17	47	10	10	23	
NOVEMBER	18	12	10	12	16	29	9	5	4	
DECEMBER	12	20	7	4	8	16	4	2	5	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Dengue Virus Infection, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	130	0.3	144	0.4	201	0.5	132	0.3	107	0.3	266	0.7	84	0.2	34	0.1	127	0.3
FEMALE	65	0.3	83	0.4	107	0.5	67	0.3	51	0.3	144	0.7	45	0.2	9	0.0*	56	0.3
MALE	65	0.3	61	0.3	92	0.5	65	0.3	56	0.3	122	0.6	39	0.2	25	0.1	70	0.4
UNKNOWN	0	-	0	-	2	-	0	-	0	-	0	-	0	-	0	-	1	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Dengue Virus Infection, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	130	0.3	144	0.4	201	0.5	132	0.3	107	0.3	266	0.7	84	0.2	34	0.1	127	0.3
0	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*	0	-
1-4	0	-	0	-	3	0.2*	1	0.1*	0	-	3	0.2*	0	-	0	-	1	0.1*
5-9	4	0.2*	4	0.2*	4	0.2*	4	0.2*	3	0.1*	9	0.4*	3	0.1*	0	-	1	0.0*
10-14	2	0.1*	4	0.2*	5	0.2*	6	0.2*	6	0.2*	16	0.6*	3	0.1*	0	-	4	0.2*
15-24	17	0.3*	18	0.3*	17	0.3*	18	0.3*	14	0.3*	26	0.5	10	0.2*	2	0.0*	13	0.2*
25-34	16	0.3*	35	0.7	44	0.8	31	0.6	16	0.3*	44	0.8	13	0.2*	3	0.1*	19	0.4
35-44	25	0.5	20	0.4	49	0.9	28	0.5	22	0.4	43	0.8	11	0.2*	11	0.2*	25	0.5
45-54	24	0.5	31	0.6	35	0.7	19	0.4	11	0.2*	45	0.9	10	0.2*	7	0.1*	27	0.6
55-64	32	0.7	19	0.4	25	0.5	12	0.2*	16	0.3*	41	0.8	15	0.3*	4	0.1*	21	0.4
65+	9	0.2*	12	0.2*	19	0.3	12	0.2*	19	0.3	39	0.6	19	0.3	6	0.1*	16	0.2*
UNKNOWN	1	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

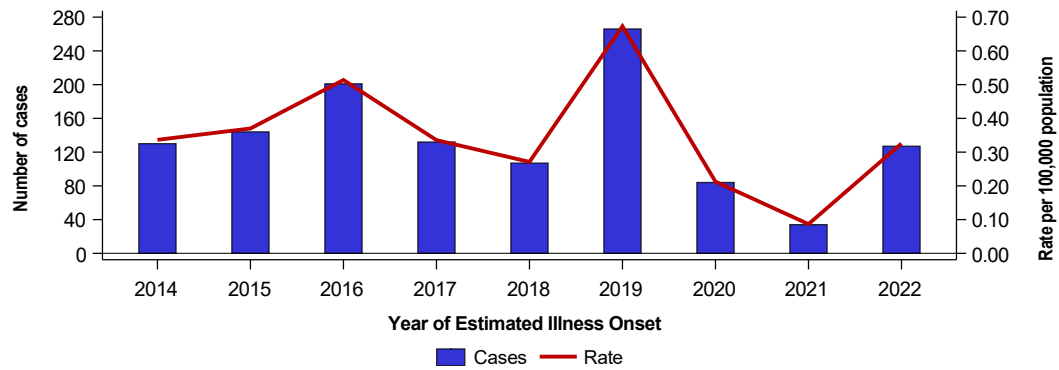
*Potentially unreliable rate: relative standard error 23 percent or more.

Dengue Virus Infection, Cases by Race/Ethnicity, California, 2014-2022

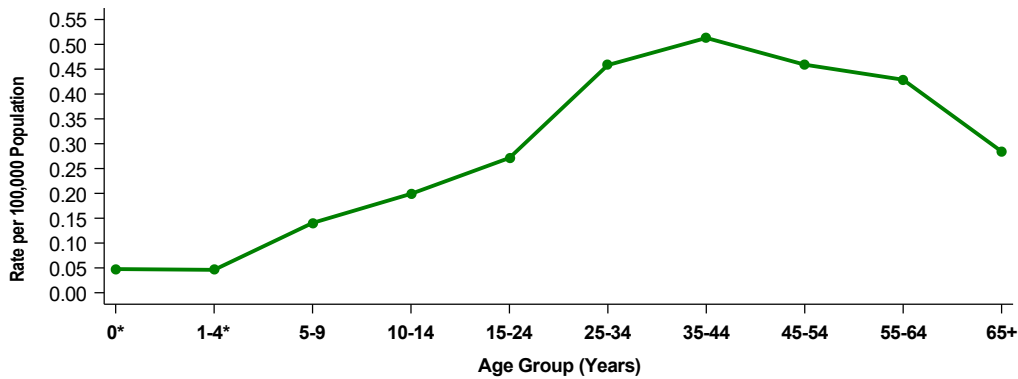
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	130	144	201	132	107	266	84	34	127		
WHITE, NON-HISPANIC	30	30	48	9	24	36	11	3	11		
HISPANIC/LATINO	38	43	53	22	23	89	39	10	41		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	24	33	43	58	29	44	11	8	45		
BLACK, NON-HISPANIC	1	0	2	0	1	3	0	0	1		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	1	0	1	1	0	2	0	1	2		
OTHER, NON-HISPANIC	3	3	5	2	4	10	7	7	7		
UNKNOWN	33	35	49	40	26	82	16	5	20		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Dengue Virus Infection Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022

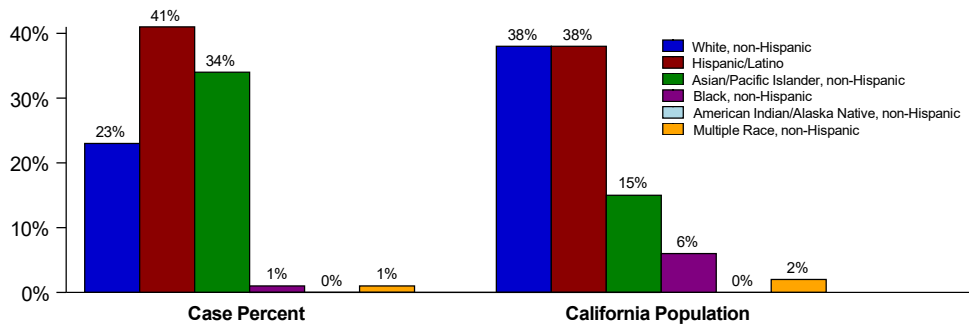


Dengue Virus Infection Average Incidence Rates by Age Group, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Dengue Virus Infection Cases and Population by Race/Ethnicity, California, 2014-2022



25% (n=306) of reported incidents of Dengue Virus Infection did not identify race/ethnicity and 3.9% (n=48) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Domoic Acid Poisoning

No cases of Domoic Acid Poisoning were reported to CDPH with illness onset during 2014-2022

Ehrlichiosis

Ehrlichiosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	1	0.0*	3	0.0*	3	0.0*	2	0.0*	3	0.0*	3	0.0*	2	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	2	0.0*
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	2	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	1	0.0*	2	0.1*	1	0.0*	2	0.1*	0	-
SAN FRANCISCO	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Ehrlichiosis

Ehrlichiosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	1	1	1	3	3	2	3	3	2	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	
MARCH	0	0	0	0	0	0	1	0	0	
APRIL	0	0	0	0	1	0	0	0	0	
MAY	0	1	0	0	0	0	0	1	0	
JUNE	0	0	0	1	0	1	0	0	1	
JULY	0	0	1	1	0	0	1	1	1	
AUGUST	0	0	0	1	0	0	0	0	0	
SEPTEMBER	0	0	0	0	1	0	0	0	0	
OCTOBER	0	0	0	0	1	0	0	0	0	
NOVEMBER	1	0	0	0	0	1	1	0	0	
DECEMBER	0	0	0	0	0	0	0	1	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Ehrlichiosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	1	0.0*	3	0.0*	3	0.0*	2	0.0*	3	0.0*	3	0.0*	2	0.0*
FEMALE	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*	2	0.0*
MALE	0	-	1	0.0*	1	0.0*	2	0.0*	3	0.0*	1	0.0*	2	0.0*	2	0.0*	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Ehrlichiosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	1	0.0*	3	0.0*	3	0.0*	2	0.0*	3	0.0*	3	0.0*	2	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
25-34	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
35-44	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	1	0.0*	2	0.0*	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	1	0.0*	0	-	2	0.0*	2	0.0*	1	0.0*
65+	0	-	0	-	0	-	1	0.0*	2	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

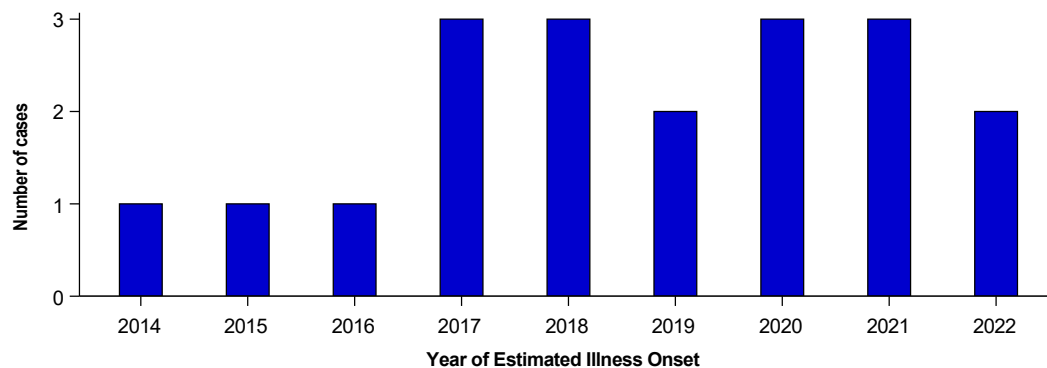
*Potentially unreliable rate: relative standard error 23 percent or more.

Ehrlichiosis, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET											
	2014	2015	2016	2017	2018	2019	2020	2021	2022			
TOTAL	1	1	1	3	3	2	3	3	2			
WHITE, NON-HISPANIC	0	0	0	1	2	0	1	1	2			
HISPANIC/LATINO	0	0	0	0	0	0	0	0	0			
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	1	0	0	0	0			
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0			
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0			
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0			
OTHER, NON-HISPANIC	0	0	0	0	0	0	1	1	0			
UNKNOWN	1	1	1	2	0	2	1	1	0			

For inclusion/exclusion criteria, please refer to the Technical Notes.

Ehrlichiosis Cases by Year of Estimated Illness Onset, California, 2014-2022



Flavivirus Infection of Undetermined Species

Flavivirus Infection of Undetermined Species, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2014		2015		2016		2017		2018		2019		2020		2021		2022			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	-	-	-	-	2	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	2	0.0*
ALAMEDA COUNTY TOTAL	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	-	-	-	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
KINGS	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LONG BEACH	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	-	-	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	-	-	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SAN JOAQUIN	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
YOLO	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Required reporting of Flavivirus Infection of Undetermined Species began June 1, 2016.

Flavivirus Infection of Undetermined Species

Flavivirus Infection of Undetermined Species, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	-	-	2	0	0	1	0	0	0	2
JANUARY	-	-	-	0	0	0	0	0	0	0
FEBRUARY	-	-	-	0	0	0	0	0	0	0
MARCH	-	-	-	0	0	0	0	0	0	1
APRIL	-	-	-	0	0	0	0	0	0	0
MAY	-	-	-	0	0	0	0	0	0	0
JUNE	-	-	1	0	0	0	0	0	0	0
JULY	-	-	0	0	0	0	0	0	0	0
AUGUST	-	-	1	0	0	0	0	0	0	1
SEPTEMBER	-	-	0	0	0	0	0	0	0	0
OCTOBER	-	-	0	0	0	1	0	0	0	0
NOVEMBER	-	-	0	0	0	0	0	0	0	0
DECEMBER	-	-	0	0	0	0	0	0	0	0

For inclusion/exclusion criteria, please refer to the Technical Notes.

Note: Required reporting of Flavivirus Infection of Undetermined Species began June 1, 2016.

Flavivirus Infection of Undetermined Species, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	-	-	2	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.0*
FEMALE	-	-	-	-	1	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.0*
MALE	-	-	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Required reporting of Flavivirus Infection of Undetermined Species began June 1, 2016.

Flavivirus Infection of Undetermined Species, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	-	-	2	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.0*
0	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	-	-	-	-	1	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*
45-54	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	-	-	-	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
65+	-	-	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Required reporting of Flavivirus Infection of Undetermined Species began June 1, 2016.

Flavivirus Infection of Undetermined Species, Cases by Race/Ethnicity, California, 2014-2022

RACE ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	-	-	2	0	0	1	0	0	0	2	
WHITE, NON-HISPANIC	-	-	0	0	0	0	0	0	0	0	
HISPANIC/LATINO	-	-	1	0	0	0	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	-	-	0	0	0	0	0	0	0	0	
BLACK, NON-HISPANIC	-	-	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	-	-	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	-	-	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	-	-	0	0	0	1	0	0	1	1	
UNKNOWN	-	-	1	0	0	0	0	0	1	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Note: Required reporting of Flavivirus Infection of Undetermined Species began June 1, 2016.

Giardiasis

Giardiasis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1,831	4.7	2,070	5.3	2,488	6.4	2,588	6.6	2,633	6.7	2,711	6.9	1,544	3.9	1,960	5.0	2,396	6.1
ALAMEDA COUNTY TOTAL	109	6.8	159	9.8	220	13.4	255	15.4	246	14.7	250	14.9	122	7.3	143	8.6	166	10.1
ALAMEDA	90	6.1	138	9.2	196	13.0	221	14.5	223	14.6	233	15.2	109	7.0	132	8.6	151	9.9
BERKELEY	19	16.1	21	17.6	24	20.0	34	28.1	23	18.9	17	13.9*	13	10.2*	11	9.1*	15	12.2*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	1	2.7*	1	2.7*	1	2.6*	3	7.8*	1	2.5*	3	7.4*	1	2.5*	1	2.5*	0	-
BUTTE	11	4.8*	18	7.8*	17	7.4*	28	12.0	14	6.0*	18	7.9*	13	6.2*	15	7.3*	10	4.8*
CALAVERAS	2	4.4*	2	4.4*	4	8.8*	3	6.6*	2	4.4*	2	4.4*	1	2.2*	0	-	0	-
COLUSA	0	-	0	-	3	13.8*	0	-	0	-	3	13.8*	1	4.6*	0	-	1	4.6*
CONTRA COSTA	38	3.4	66	5.8	11	1.0*	104	9.0	124	10.7	125	10.8	72	6.2	70	6.0	103	9.0
DEL NORTE	1	3.7*	1	3.7*	1	3.7*	1	3.7*	1	3.6*	2	7.2*	1	3.6*	0	-	2	7.5*
EL DORADO	6	3.3*	9	4.9*	11	6.0*	19	10.3	12	6.4*	17	9.0*	10	5.2*	10	5.2*	6	3.2*
FRESNO	20	2.1	34	3.5	45	4.6	34	3.5	31	3.1	29	2.9	22	2.2	28	2.8	40	4.0
GLENN	2	7.1*	0	-	1	3.6*	0	-	0	-	1	3.5*	1	3.5*	2	7.0*	0	-
HUMBOLDT	10	7.4*	20	14.7	11	8.0*	9	6.5*	9	6.5*	8	5.9*	13	9.5*	9	6.7*	9	6.7*
IMPERIAL	1	0.6*	1	0.6*	7	3.9*	1	0.6*	4	2.2*	11	6.1*	7	3.9*	11	6.1*	17	9.5*
INYO	1	5.3*	0	-	1	5.3*	2	10.6*	1	5.3*	4	21.1*	5	26.3*	0	-	1	5.3*
KERN	24	2.7	14	1.6*	22	2.5	32	3.6	29	3.2	35	3.9	26	2.9	32	3.5	41	4.5
KINGS	12	8.1*	4	2.7*	3	2.0*	3	2.0*	4	2.6*	6	4.0*	2	1.3*	5	3.3*	12	7.9*
LAKE	1	1.5*	3	4.5*	3	4.5*	3	4.4*	2	2.9*	3	4.4*	4	5.9*	5	7.4*	6	8.9*
LASSEN	2	6.1*	0	-	1	3.1*	1	3.1*	0	-	0	-	0	-	2	6.5*	0	-
LOS ANGELES COUNTY TOTAL	394	3.9	448	4.4	505	5.0	447	4.4	528	5.2	538	5.3	291	2.9	418	4.2	587	6.0
LOS ANGELES	367	3.9	424	4.5	465	4.9	406	4.2	487	5.1	510	5.3	266	2.8	386	4.1	559	6.1
LONG BEACH	18	3.8*	18	3.8*	30	6.3	33	7.0	31	6.5	25	5.3	18	3.9*	26	5.6	22	4.8
PASADENA	9	6.4*	6	4.2*	10	7.0*	8	5.6*	10	6.9*	3	2.1*	7	5.0*	6	4.3*	6	4.4*
MADERA	5	3.3*	3	2.0*	2	1.3*	8	5.2*	5	3.2*	7	4.5*	5	3.2*	6	3.8*	2	1.3*
MARIN	32	12.2	33	12.5	46	17.3	46	17.4	45	17.0	51	19.3	27	10.3	22	8.5	40	15.7
MARIPOSA	0	-	2	11.3*	1	5.7*	2	11.4*	1	5.8*	0	-	0	-	0	-	0	-
MENDOCINO	7	7.8*	7	7.8*	6	6.6*	14	15.3*	15	16.4*	17	18.5*	8	8.8*	15	16.6*	13	14.5*
MERCED	3	1.1*	2	0.7*	6	2.2*	6	2.2*	12	4.4*	9	3.2*	4	1.4*	5	1.8*	15	5.3*
MODOC	1	11.2*	0	-	0	-	0	-	1	11.4*	0	-	0	-	1	11.7*	2	23.1*
MONO	2	14.6*	0	-	2	14.9*	4	30.0*	1	7.6*	1	7.6*	1	7.5*	1	7.5*	1	7.6*
MONTEREY	9	2.1*	15	3.5*	45	10.3	19	4.3	39	8.9	23	5.2	12	2.7*	16	3.7*	14	3.2*
NAPA	7	5.0*	10	7.1*	17	12.0*	14	10.0*	12	8.6*	11	7.9*	9	6.5*	9	6.6*	11	8.1*
NEVADA	12	12.0*	11	11.0*	6	5.9*	16	15.8*	10	9.8*	9	8.8*	5	4.9*	7	6.8*	9	8.9*
ORANGE	122	3.9	125	4.0	175	5.5	124	3.9	131	4.1	165	5.2	65	2.0	138	4.4	128	4.1
PLACER	16	4.3*	15	4.0*	19	5.0	23	5.9	17	4.3*	32	8.0	18	4.4*	20	4.9	40	9.7
PLUMAS	2	10.1*	4	20.3*	5	25.4*	4	20.4*	4	20.4*	1	5.0*	1	5.0*	1	5.1*	0	-
RIVERSIDE	64	2.8	62	2.7	78	3.3	88	3.7	82	3.4	99	4.1	84	3.5	107	4.4	116	4.8
SACRAMENTO	20	1.3	3	0.2*	7	0.5*	12	0.8*	86	5.5	97	6.2	12	0.8*	17	1.1*	22	1.4
SAN BENITO	2	3.4*	4	6.8*	3	5.0*	2	3.3*	2	3.2*	1	1.6*	2	3.1*	1	1.5*	1	1.5*
SAN BERNARDINO	53	2.5	47	2.2	52	2.4	52	2.4	52	2.4	52	2.4	38	1.7	55	2.5	83	3.8
SAN DIEGO	256	7.9	318	9.8	396	12.1	321	9.8	230	7.0	220	6.7	161	4.9	179	5.5	193	5.9
SAN FRANCISCO	160	18.9	192	22.4	225	26.1	244	28.1	214	24.5	182	20.9	118	13.6	179	21.4	248	29.7
SAN JOAQUIN	20	2.8	22	3.0	30	4.1	41	5.5	42	5.5	47	6.1	24	3.1	28	3.6	20	2.5
SAN LUIS OBISPO	10	3.6*	16	5.7*	10	3.6*	9	3.2*	7	2.5*	12	4.2*	3	1.1*	10	3.6*	7	2.5*
SAN MATEO	48	6.4	53	7.0	53	6.9	80	10.4	81	10.6	80	10.4	47	6.2	37	4.9	57	7.7
SANTA BARBARA	30	6.8	17	3.8*	28	6.3	25	5.6	31	6.9	35	7.8	24	5.4	55	12.5	38	8.6
SANTA CLARA	140	7.4	116	6.1	184	9.6	191	9.9	198	10.2	205	10.6	99	5.1	98	5.2	97	5.2
SANTA CRUZ	19	7.0	17	6.2*	21	7.6	29	10.6	32	11.7	27	9.9	12	4.4*	33	12.5	23	8.7
SHASTA	3	1.7*	10	5.5*	7	3.9*	8	4.4*	14	7.7*	10	5.5*	7	3.8*	9	4.9*	7	3.9*
SIERRA	0	-	0	-	1	31.1*	0	-	0	-	1	30.9*	0	-	0	-	0	-
SISKIYOU	0	-	0	-	3	6.7*	3	6.8*	3	6.8*	1	2.3*	2	4.5*	3	6.9*	1	2.3*
SOLANO	17	3.9*	27	6.2	25	5.7	41	9.2	23	5.1	24	5.3	20	4.4	24	5.3	23	5.2
SONOMA	39	7.8	50	10.0	32	6.4	43	8.6	49	9.9	72	14.6	30	6.1	26	5.4	42	8.7
STANISLAUS	25	4.7	27	5.0	32	5.9	77	14.1	71	12.9	60	10.9	52	9.4	23	4.2	51	9.3
SUTTER	2	2.1*	2	2.1*	4	4.1*	4	4.1*	7	7.0*	6	5.9*	2	2.0*	4	4.0*	3	3.0*
TEHAMA	1	1.6*	3	4.7*	2	3.1*	3	4.7*	5	7.7*	4	6.1*	0	-	2	3.1*	3	4.6*
TRINITY	0	-	5	35.1*	0	-	0	-	3	19.0*	2	12.5*	0	-	2	12.5*	2	12.5*
TULARE	20	4.4	13	2.8*	19	4.1	15	3.2*	18	3.8*	13	2.8*	11	2.3*	11	2.3*	17	3.6*
TUOLUMNE	3	5.4*	3	5.4*	7	12.7*	1	1.8*	3	5.4*	4	7.2*	2	3.6*	2	3.7*	1	1.9*
VENTURA	36	4.3	43	5.1	52	6.1	49	5.8	58	6.8	63	7.5	27	3.2	47	5.6	41	4.9
YOLO	8	3.9*	13	6.2*	16	7.5*	23	10.7	17	7.9*	9	4.2*	18	8.2*	12	5.6*	20	9.0
YUBA	2	2.7*	0	-	4	5.2*	2	2.6*	4	5.1*	4	5.0*	2	2.4*	4	4.9*	4	4.8*

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Giardiasis

Giardiasis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	1,831	2,070	2,488	2,588	2,633	2,711	1,544	1,960	2,396	
JANUARY	139	160	192	194	255	202	239	85	192	
FEBRUARY	139	123	178	165	212	215	175	77	208	
MARCH	140	145	224	188	239	199	151	97	196	
APRIL	145	168	211	209	210	225	85	132	185	
MAY	143	150	200	232	222	198	111	180	197	
JUNE	124	153	179	218	217	219	90	200	212	
JULY	185	179	208	251	240	250	130	181	191	
AUGUST	184	195	241	281	293	308	135	208	254	
SEPTEMBER	185	159	222	231	215	251	143	228	237	
OCTOBER	151	234	209	222	230	246	112	191	214	
NOVEMBER	164	222	212	201	157	200	78	207	137	
DECEMBER	132	182	212	196	143	198	95	174	173	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Giardiasis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1,831	4.7	2,070	5.3	2,488	6.4	2,588	6.6	2,633	6.7	2,711	6.9	1,544	3.9	1,960	5.0	2,396	6.1
FEMALE	630	3.2	725	3.7	906	4.6	882	4.5	890	4.5	902	4.5	527	2.7	643	3.3	841	4.3
MALE	1,070	5.6	1,331	6.9	1,575	8.1	1,701	8.7	1,739	8.9	1,802	9.2	1,010	5.1	1,310	6.7	1,546	8.0
UNKNOWN	131	-	14	-	7	-	5	-	4	-	7	-	7	-	7	-	9	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Giardiasis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1,831	4.7	2,070	5.3	2,488	6.4	2,588	6.6	2,633	6.7	2,711	6.9	1,544	3.9	1,960	5.0	2,396	6.1
0	6	1.2*	2	0.4*	13	2.7*	10	2.1*	10	2.2*	14	3.1*	6	1.3*	5	1.2*	5	1.1*
1-4	152	7.6	182	9.1	189	9.5	194	9.8	151	7.7	148	7.8	68	3.6	87	4.7	127	7.1
5-9	119	4.7	133	5.2	168	6.6	173	6.9	144	5.8	175	7.0	86	3.3	97	3.8	132	5.2
10-14	68	2.7	75	3.0	104	4.1	87	3.4	93	3.6	80	3.1	51	1.9	57	2.2	94	3.6
15-24	211	3.8	248	4.4	260	4.7	324	5.9	277	5.1	235	4.4	154	2.7	175	3.1	223	4.1
25-34	293	5.4	352	6.5	406	7.5	448	8.3	478	8.9	514	9.6	290	5.5	397	7.5	445	8.3
35-44	283	5.5	302	5.9	350	6.8	324	6.3	369	7.1	359	6.9	236	4.8	285	5.9	362	7.5
45-54	283	5.4	333	6.3	382	7.3	363	6.9	398	7.7	383	7.5	210	4.3	260	5.5	274	5.9
55-64	231	5.1	238	5.1	332	6.9	374	7.7	401	8.1	433	8.7	225	4.6	309	6.5	345	7.4
65+	178	3.5	199	3.8	279	5.1	286	5.1	309	5.2	363	5.8	217	3.4	285	4.4	387	5.8
UNKNOWN	7	-	6	-	5	-	5	-	3	-	7	-	1	-	3	-	2	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

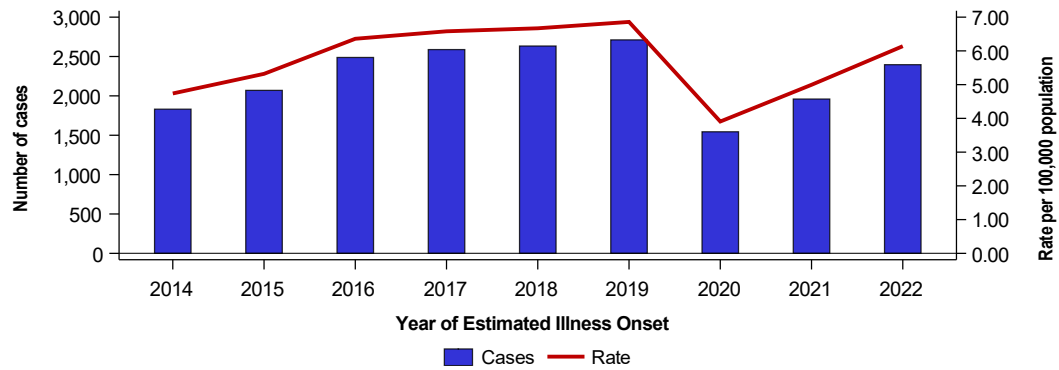
*Potentially unreliable rate: relative standard error 23 percent or more.

Giardiasis, Cases by Race/Ethnicity, California, 2014-2022

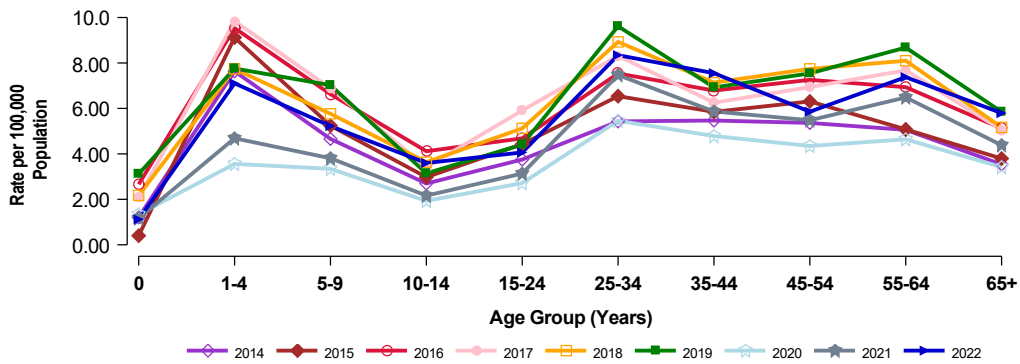
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	1,831	2,070	2,488	2,588	2,633	2,711	1,544	1,960	2,396	
WHITE, NON-HISPANIC	568	802	919	977	951	980	590	726	774	
HISPANIC/LATINO	261	261	333	340	394	442	216	338	389	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	98	69	89	126	128	154	71	71	88	
BLACK, NON-HISPANIC	68	71	137	105	86	82	69	57	64	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	7	4	3	6	7	9	4	5	5	
MULTIPLE RACE, NON-HISPANIC	19	1	6	5	6	14	5	13	4	
OTHER, NON-HISPANIC	33	57	115	231	184	224	159	134	160	
UNKNOWN	777	805	886	798	877	806	430	616	912	

For inclusion/exclusion criteria, please refer to the Technical Notes.

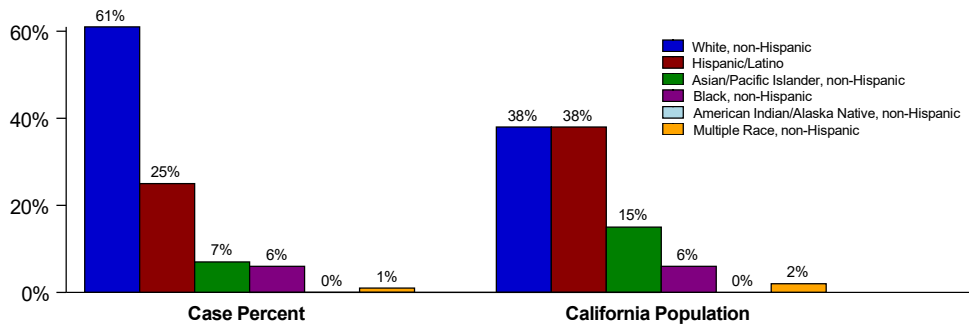
Giardiasis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



Giardiasis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2014-2022



Giardiasis Cases and Population by Race/Ethnicity, California, 2014-2022



34.2% (n=6907) of reported incidents of Giardiasis did not identify race/ethnicity and 6.4% (n=1297) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Hantavirus Infection

Hantavirus Infection, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	2	0.0*	1	0.0*	5	0.0*	5	0.0*	4	0.0*	2	0.0*	1	0.0*	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	2	14.8*	0	-	1	7.5*	0	-	3	22.7*	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
PLACER	1	0.3*	0	-	0	-	0	-	1	0.3*	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	1	5.0*	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
SACRAMENTO	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Hantavirus Infection

Hantavirus Infection, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	1	2	1	5	5	4	2	1	0	
JANUARY	0	0	0	1	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	1	0	0	0	
MARCH	0	0	0	1	2	0	0	0	0	
APRIL	0	0	0	0	1	0	0	0	0	
MAY	0	0	0	0	0	0	0	0	0	
JUNE	1	0	0	0	0	1	1	0	0	
JULY	0	2	0	1	0	0	0	0	0	
AUGUST	0	0	0	1	1	0	1	0	0	
SEPTEMBER	0	0	0	0	0	1	0	1	0	
OCTOBER	0	0	0	0	1	0	0	0	0	
NOVEMBER	0	0	0	0	0	1	0	0	0	
DECEMBER	0	0	1	1	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Hantavirus Infection, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	2	0.0*	1	0.0*	5	0.0*	5	0.0*	4	0.0*	2	0.0*	1	0.0*	0	-
FEMALE	0	-	1	0.0*	0	-	0	-	2	0.0*	3	0.0*	0	-	0	-	0	-
MALE	1	0.0*	1	0.0*	1	0.0*	5	0.0*	3	0.0*	1	0.0*	2	0.0*	1	0.0*	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Hantavirus Infection, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	2	0.0*	1	0.0*	5	0.0*	5	0.0*	4	0.0*	2	0.0*	1	0.0*	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	1	0.0*	2	0.0*	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	2	0.0*	0	-	2	0.0*	1	0.0*	0	-	0	-
35-44	0	-	1	0.0*	0	-	1	0.0*	2	0.0*	0	-	0	-	0	-	0	-
45-54	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-
65+	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

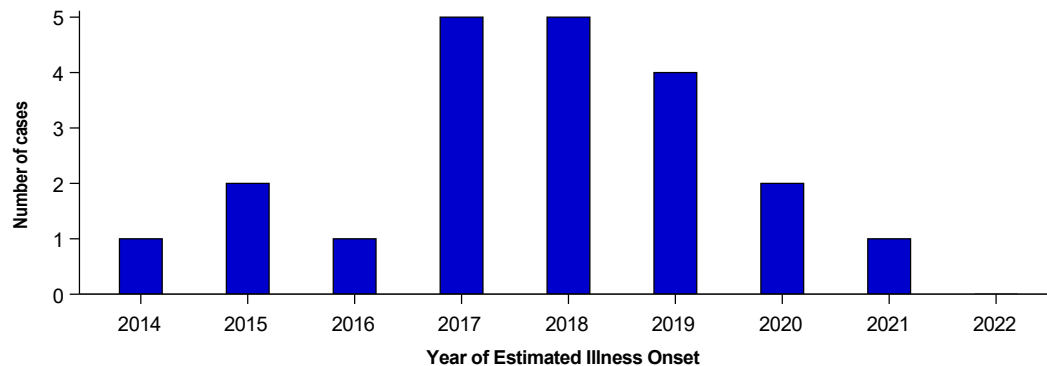
*Potentially unreliable rate: relative standard error 23 percent or more.

Hantavirus Infection, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	1	2	1	5	5	4	2	1	0	
WHITE, NON-HISPANIC	1	2	1	2	1	4	2	0	0	
HISPANIC/LATINO	0	0	0	1	3	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
UNKNOWN	0	0	0	2	1	0	0	1	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Hantavirus Infection Cases by Year of Estimated Illness Onset, California, 2014-2022



Hepatitis E, acute infection

Hepatitis E, acute infection, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	31	0.1	37	0.1	49	0.1	38	0.1	30	0.1	39	0.1	19	0.0	42	0.1	34	0.1
ALAMEDA COUNTY TOTAL	4	0.2*	2	0.1*	4	0.2*	2	0.1*	4	0.2*	1	0.1*	0	-	2	0.1*	1	0.1*
ALAMEDA	4	0.3*	2	0.1*	4	0.3*	2	0.1*	3	0.2*	1	0.1*	0	-	2	0.1*	0	-
BERKELEY	0	-	0	-	0	-	0	-	1	0.8*	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	1	2.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	1	2.2*	1	2.2*	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	3	0.3*	5	0.4*	2	0.2*	0	-	4	0.3*	0	-	1	0.1*	2	0.2*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.5*	1	0.5*	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-
FRESNO	1	0.1*	1	0.1*	0	-	0	-	2	0.2*	2	0.2*	0	-	2	0.2*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-
IMPERIAL	0	-	2	1.1*	0	-	0	-	0	-	0	-	2	1.1*	1	0.6*	2	1.1*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	1	0.1*	2	0.2*	0	-	1	0.1*	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	1	1.5*	0	-	0	-	2	3.0*
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	2	0.0*	2	0.0*	3	0.0*	4	0.0*	7	0.1*	4	0.0*	5	0.1*	4	0.0*
LOS ANGELES	0	-	2	0.0*	2	0.0*	1	0.0*	4	0.0*	7	0.1*	3	0.0*	5	0.1*	1	0.0*
LONG BEACH	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-	2	0.4*
PASADENA	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	1	0.7*
MADERA	0	-	0	-	0	-	1	0.6*	0	-	2	1.3*	0	-	0	-	0	-
MARIN	5	1.9*	1	0.4*	0	-	1	0.4*	2	0.8*	1	0.4*	0	-	4	1.5*	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*	1	1.1*	0	-
MERCED	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	1	0.7*	1	0.7*	0	-	0	-	1	0.7*	1	0.7*	3	2.2*
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	3	0.1*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	1	0.0*
PLACER	0	-	1	0.3*	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	3	0.1*	0	-	1	0.0*	1	0.0*	1	0.0*	2	0.1*	4	0.2*
SACRAMENTO	1	0.1*	7	0.5*	7	0.5*	1	0.1*	1	0.1*	2	0.1*	0	-	2	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	1	0.0*	3	0.1*	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*
SAN DIEGO	0	-	0	-	2	0.1*	2	0.1*	2	0.1*	1	0.0*	0	-	1	0.0*	2	0.1*
SAN FRANCISCO	1	0.1*	1	0.1*	1	0.1*	5	0.6*	1	0.1*	4	0.5*	0	-	1	0.1*	1	0.1*
SAN JOAQUIN	1	0.1*	3	0.4*	0	-	0	-	2	0.3*	0	-	1	0.1*	3	0.4*	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*
SAN MATEO	1	0.1*	1	0.1*	0	-	2	0.3*	3	0.4*	2	0.3*	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	7	0.4*	8	0.4*	8	0.4*	2	0.1*	2	0.1*	1	0.1*	4	0.2*	2	0.1*	4	0.2*
SANTA CRUZ	1	0.4*	0	-	0	-	1	0.4*	1	0.4*	0	-	0	-	1	0.4*	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	1	0.2*	1	0.2*	0	-	2	0.4*	1	0.2*	2	0.4*	0	-
SONOMA	6	1.2*	1	0.2*	2	0.4*	3	0.6*	1	0.2*	2	0.4*	0	-	0	-	1	0.2*
STANISLAUS	0	-	0	-	3	0.6*	3	0.5*	1	0.2*	3	0.5*	2	0.4*	5	0.9*	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	2	0.2*	0	-
YOLO	0	-	0	-	0	-	0	-	1	0.5*	1	0.5*	0	-	0	-	1	0.4*
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Hepatitis E, acute infection

Hepatitis E, acute infection, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	31	37	49	38	30	39	19	42	34	
JANUARY	1	2	5	7	2	2	4	2	2	
FEBRUARY	0	2	5	3	5	3	2	1	4	
MARCH	4	2	0	6	3	7	1	7	4	
APRIL	3	3	9	2	1	3	0	3	4	
MAY	3	2	4	2	4	4	1	5	2	
JUNE	1	5	6	0	3	3	0	4	4	
JULY	3	3	6	4	3	6	3	1	3	
AUGUST	1	5	3	2	2	3	2	2	4	
SEPTEMBER	9	1	1	2	2	3	1	7	3	
OCTOBER	2	5	3	5	0	2	2	1	1	
NOVEMBER	3	3	3	2	2	2	2	3	2	
DECEMBER	1	4	4	3	3	1	1	6	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Hepatitis E, acute infection, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	31	0.1	37	0.1	49	0.1	38	0.1	30	0.1	39	0.1	19	0.0	42	0.1	34	0.1
FEMALE	18	0.1*	21	0.1	25	0.1	17	0.1*	18	0.1*	19	0.1	5	0.0*	28	0.1	20	0.1
MALE	12	0.1*	16	0.1*	24	0.1	21	0.1	12	0.1*	20	0.1	14	0.1*	14	0.1*	14	0.1*
UNKNOWN	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Hepatitis E, acute infection, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	31	0.1	37	0.1	49	0.1	38	0.1	30	0.1	39	0.1	19	0.0	42	0.1	34	0.1
0	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
1-4	0	-	0	-	3	0.2*	1	0.1*	0	-	0	-	0	-	1	0.1*	3	0.2*
5-9	0	-	1	0.0*	0	-	0	-	1	0.0*	2	0.1*	0	-	0	-	1	0.0*
10-14	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*
15-24	6	0.1*	8	0.1*	9	0.2*	1	0.0*	4	0.1*	8	0.2*	1	0.0*	9	0.2*	6	0.1*
25-34	4	0.1*	8	0.1*	14	0.3*	11	0.2*	7	0.1*	4	0.1*	3	0.1*	7	0.1*	5	0.1*
35-44	3	0.1*	6	0.1*	5	0.1*	4	0.1*	5	0.1*	5	0.1*	3	0.1*	5	0.1*	4	0.1*
45-54	6	0.1*	6	0.1*	7	0.1*	5	0.1*	0	-	4	0.1*	2	0.0*	3	0.1*	4	0.1*
55-64	5	0.1*	3	0.1*	4	0.1*	7	0.1*	7	0.1*	4	0.1*	4	0.1*	9	0.2*	2	0.0*
65+	6	0.1*	4	0.1*	7	0.1*	9	0.2*	5	0.1*	10	0.2*	6	0.1*	8	0.1*	8	0.1*
UNKNOWN	1	-	0	-	0	-	0	-	1	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

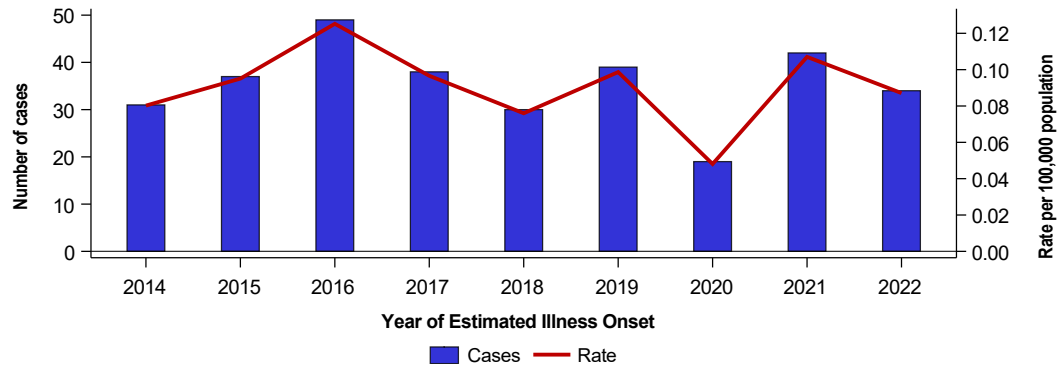
*Potentially unreliable rate: relative standard error 23 percent or more.

Hepatitis E, acute infection, Cases by Race/Ethnicity, California, 2014-2022

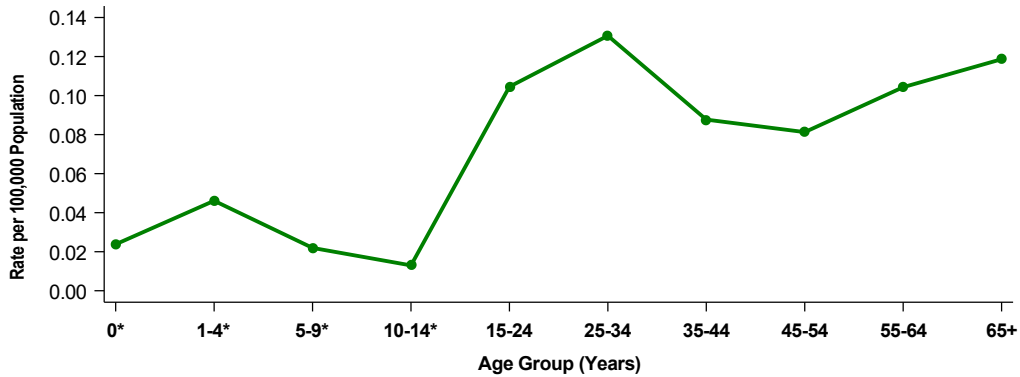
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	31	37	49	38	30	39	19	42	34	
WHITE, NON-HISPANIC	3	6	9	6	7	9	4	8	8	
HISPANIC/LATINO	3	5	8	4	4	7	4	7	10	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	4	8	7	10	9	14	5	6	7	
BLACK, NON-HISPANIC	0	0	2	1	2	1	0	1	2	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	1	
OTHER, NON-HISPANIC	1	0	4	1	0	1	1	5	2	
UNKNOWN	20	18	19	16	8	7	5	15	4	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Hepatitis E, acute infection Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022

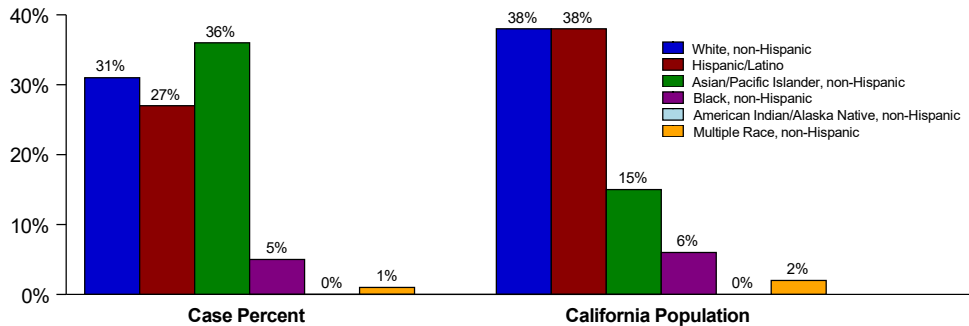


Hepatitis E, acute infection Average Incidence Rates by Age Group, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Hepatitis E, acute infection Cases and Population by Race/Ethnicity, California, 2014-2022



35.1% (n=112) of reported incidents of Hepatitis E, acute infection did not identify race/ethnicity and 4.7% (n=15) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Legionellosis

Legionellosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	354	0.9	478	1.2	602	1.5	537	1.4	454	1.2	559	1.4	376	1.0	469	1.2	588	1.5
ALAMEDA COUNTY TOTAL	7	0.4*	19	1.2	17	1.0*	18	1.1*	10	0.6*	19	1.1	7	0.4*	9	0.5*	12	0.7*
ALAMEDA	7	0.5*	19	1.3	17	1.1*	16	1.1*	8	0.5*	18	1.2*	7	0.5*	9	0.6*	12	0.8*
BERKELEY	0	-	0	-	0	-	2	1.7*	2	1.6*	1	0.8*	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	1	2.7*	0	-	0	-	0	-	2	5.0*	0	-	0	-	0	-
BUTTE	2	0.9*	1	0.4*	4	1.7*	1	0.4*	2	0.9*	1	0.4*	2	1.0*	0	-	1	0.5*
CALAVERAS	0	-	0	-	1	2.2*	0	-	2	4.4*	1	2.2*	0	-	1	2.2*	1	2.2*
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	7	0.6*	9	0.8*	6	0.5*	7	0.6*	5	0.4*	8	0.7*	4	0.3*	12	1.0*	11	1.0*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	0	-	0	-	3	1.6*	3	1.6*	1	0.5*	1	0.5*	0	-
FRESNO	3	0.3*	7	0.7*	9	0.9*	16	1.6*	13	1.3*	14	1.4*	8	0.8*	10	1.0*	11	1.1*
GLENN	0	-	0	-	1	3.6*	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	3	2.2*	3	2.2*	1	0.7*	1	0.7*	2	1.5*	0	-	1	0.7*	1	0.7*
IMPERIAL	1	0.6*	2	1.1*	0	-	0	-	0	-	0	-	2	1.1*	0	-	1	0.6*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	3	0.3*	5	0.6*	4	0.5*	5	0.6*	4	0.4*	10	1.1*	8	0.9*	12	1.3*
KINGS	1	0.7*	1	0.7*	3	2.0*	1	0.7*	2	1.3*	1	0.7*	3	2.0*	2	1.3*	1	0.7*
LAKE	0	-	1	1.5*	0	-	0	-	0	-	1	1.5*	0	-	0	-	2	3.0*
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	1	3.2*	0	-	0	-
LOS ANGELES COUNTY TOTAL	145	1.4	186	1.8	253	2.5	185	1.8	133	1.3	192	1.9	95	0.9	122	1.2	154	1.6
LOS ANGELES	138	1.5	173	1.8	239	2.5	165	1.7	122	1.3	180	1.9	85	0.9	115	1.2	138	1.5
LONG BEACH	7	1.5*	10	2.1*	7	1.5*	15	3.2*	7	1.5*	6	1.3*	9	1.9*	5	1.1*	16	3.5*
PASADENA	0	-	3	2.1*	7	4.9*	5	3.5*	4	2.8*	6	4.1*	1	0.7*	2	1.4*	0	-
MADERA	1	0.7*	2	1.3*	0	-	2	1.3*	4	2.6*	4	2.6*	4	2.6*	1	0.6*	2	1.3*
MARIN	0	-	11	4.2*	0	-	1	0.4*	1	0.4*	2	0.8*	2	0.8*	4	1.5*	4	1.6*
MARIPOSA	0	-	0	-	0	-	0	-	1	5.8*	0	-	0	-	0	-	0	-
MENDOCINO	3	3.3*	0	-	0	-	2	2.2*	2	2.2*	2	2.2*	3	3.3*	4	4.4*	1	1.1*
MERCED	0	-	0	-	0	-	0	-	3	1.1*	7	2.5*	2	0.7*	2	0.7*	4	1.4*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	5	1.2*	6	1.4*	5	1.1*	7	1.6*	4	0.9*	5	1.1*	4	0.9*	4	0.9*	13	3.0*
NAPA	2	1.4*	2	1.4*	3	2.1*	1	0.7*	4	2.9*	1	0.7*	0	-	1	0.7*	13	9.6*
NEVADA	0	-	5	5.0*	1	1.0*	2	2.0*	2	2.0*	1	1.0*	1	1.0*	0	-	0	-
ORANGE	32	1.0	37	1.2	64	2.0	58	1.8	46	1.4	67	2.1	54	1.7	59	1.9	78	2.5
PLACER	5	1.3*	2	0.5*	4	1.0*	2	0.5*	1	0.3*	2	0.5*	4	1.0*	0	-	1	0.2*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	15	0.7*	37	1.6	36	1.5	44	1.9	39	1.6	31	1.3	29	1.2	37	1.5	29	1.2
SACRAMENTO	12	0.8*	16	1.1*	15	1.0*	11	0.7*	18	1.2*	15	1.0*	13	0.8*	12	0.8*	21	1.3
SAN BENITO	0	-	0	-	1	1.7*	0	-	2	3.2*	0	-	0	-	2	3.1*	0	-
SAN BERNARDINO	21	1.0	24	1.1	48	2.3	30	1.4	32	1.5	34	1.6	24	1.1	26	1.2	24	1.1
SAN DIEGO	37	1.1	50	1.5	53	1.6	63	1.9	53	1.6	53	1.6	49	1.5	64	1.9	84	2.6
SAN FRANCISCO	3	0.4*	4	0.5*	1	0.1*	7	0.8*	3	0.3*	5	0.6*	1	0.1*	5	0.6*	6	0.7*
SAN JOAQUIN	4	0.6*	6	0.8*	7	0.9*	7	0.9*	6	0.8*	14	1.8*	9	1.2*	1	0.1*	6	0.8*
SAN LUIS OBISPO	0	-	0	-	3	1.1*	1	0.4*	1	0.4*	2	0.7*	3	1.1*	9	3.2*	7	2.5*
SAN MATEO	2	0.3*	0	-	3	0.4*	8	1.0*	2	0.3*	4	0.5*	2	0.3*	4	0.5*	6	0.8*
SANTA BARBARA	2	0.5*	8	1.8*	3	0.7*	7	1.6*	7	1.6*	4	0.9*	1	0.2*	8	1.8*	4	0.9*
SANTA CLARA	15	0.8*	10	0.5*	15	0.8*	10	0.5*	11	0.6*	14	0.7*	6	0.3*	14	0.7*	19	1.0
SANTA CRUZ	0	-	1	0.4*	6	2.2*	3	1.1*	1	0.4*	6	2.2*	4	1.5*	4	1.5*	6	2.3*
SHASTA	0	-	0	-	1	0.6*	2	1.1*	3	1.7*	1	0.6*	1	0.5*	1	0.5*	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	1	2.3*	0	-	0	-	0	-	0	-
SOLANO	3	0.7*	5	1.1*	3	0.7*	4	0.9*	3	0.7*	8	1.8*	2	0.4*	2	0.4*	7	1.6*
SONOMA	0	-	1	0.2*	7	1.4*	6	1.2*	5	1.0*	4	0.8*	4	0.8*	5	1.0*	2	0.4*
STANISLAUS	8	1.5*	7	1.3*	7	1.3*	9	1.6*	1	0.2*	2	0.4*	4	0.7*	4	0.7*	6	1.1*
SUTTER	2	2.1*	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	4	4.0*
TEHAMA	1	1.6*	0	-	0	-	1	1.6*	0	-	1	1.5*	0	-	1	1.5*	1	1.5*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	1	0.2*	2	0.4*	5	1.1*	2	0.4*	7	1.5*	4	0.8*
TUOLUMNE	0	-	0	-	2	3.6*	0	-	0	-	0	-	0	-	0	-	1	1.9*
VENTURA	11	1.3*	8	0.9*	10	1.2*	12	1.4*	13	1.5*	14	1.7*	12	1.4*	20	2.4	26	3.1
YOLO	3	1.4*	2	1.0*	2	0.9*	2	0.9*	2	0.9*	2	0.9*	1	0.5*	2	0.9*	2	0.9*
YUBA	0	-	0	-	0	-	1	1.3*	5	6.3*	1	1.2*	1	1.2*	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Legionellosis

Legionellosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	354	478	602	537	454	559	376	469	588	
JANUARY	17	48	48	77	50	63	57	38	54	
FEBRUARY	17	46	27	38	26	50	35	32	32	
MARCH	30	45	40	26	42	36	47	30	47	
APRIL	31	45	39	35	30	42	21	30	51	
MAY	32	52	32	42	27	51	20	18	27	
JUNE	26	26	26	42	30	35	19	33	44	
JULY	38	39	46	52	30	46	29	46	48	
AUGUST	31	36	67	57	29	43	34	44	56	
SEPTEMBER	23	52	50	48	45	50	25	38	67	
OCTOBER	27	31	46	43	36	47	45	46	46	
NOVEMBER	27	27	79	43	39	42	29	46	64	
DECEMBER	55	31	102	34	70	54	15	68	52	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Legionellosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	354	0.9	478	1.2	602	1.5	537	1.4	454	1.2	559	1.4	376	1.0	469	1.2	588	1.5
FEMALE	157	0.8	208	1.1	241	1.2	207	1.0	152	0.8	196	1.0	150	0.8	145	0.7	206	1.1
MALE	196	1.0	268	1.4	361	1.9	330	1.7	301	1.5	363	1.8	225	1.1	324	1.7	382	2.0
UNKNOWN	1	-	2	-	0	-	0	-	1	-	0	-	1	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Legionellosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	354	0.9	478	1.2	602	1.5	537	1.4	454	1.2	559	1.4	376	1.0	469	1.2	588	1.5
0	0	-	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*	0	-
1-4	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
15-24	2	0.0*	6	0.1*	5	0.1*	2	0.0*	0	-	5	0.1*	2	0.0*	5	0.1*	3	0.1*
25-34	9	0.2*	19	0.4	18	0.3*	15	0.3*	10	0.2*	19	0.4	10	0.2*	14	0.3*	27	0.5
35-44	23	0.4	28	0.5	32	0.6	31	0.6	39	0.8	31	0.6	20	0.4	33	0.7	40	0.8
45-54	57	1.1	65	1.2	99	1.9	73	1.4	77	1.5	81	1.6	54	1.1	67	1.4	79	1.7
55-64	71	1.6	99	2.1	136	2.8	112	2.3	111	2.2	134	2.7	76	1.6	116	2.4	144	3.1
65+	191	3.8	258	4.9	312	5.7	304	5.4	217	3.6	288	4.6	212	3.3	232	3.6	295	4.4
UNKNOWN	1	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

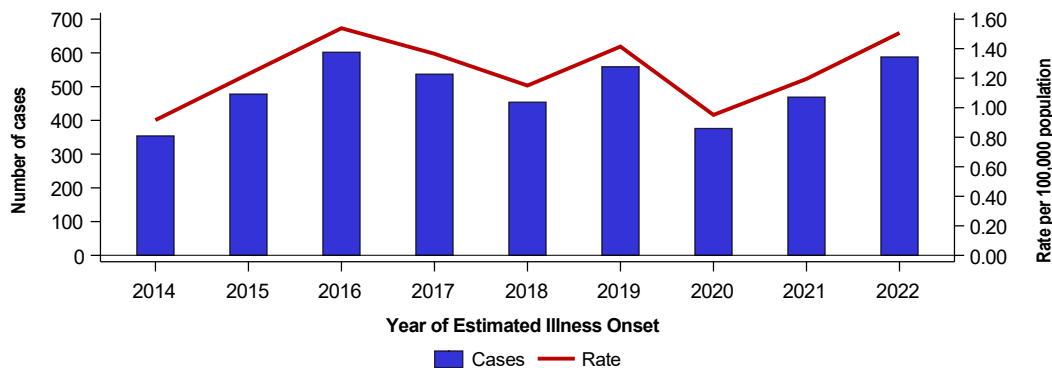
*Potentially unreliable rate: relative standard error 23 percent or more.

Legionellosis, Cases by Race/Ethnicity, California, 2014-2022

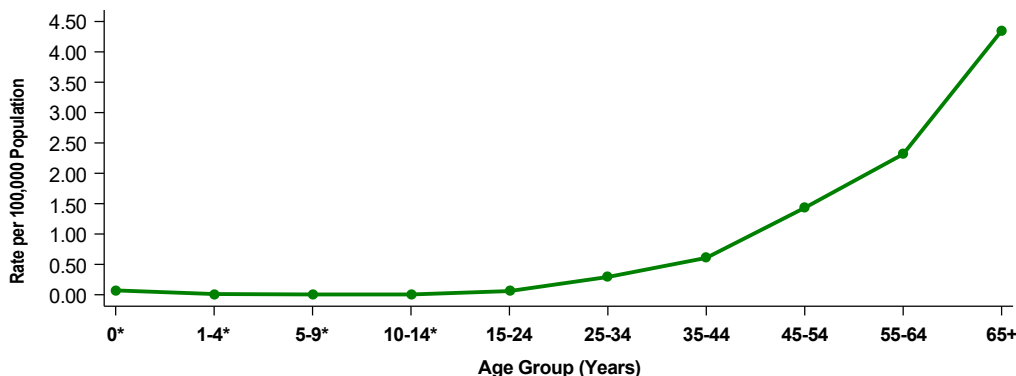
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	354	478	602	537	454	559	376	469	588	
WHITE, NON-HISPANIC	173	212	292	251	203	226	166	220	277	
HISPANIC/LATINO	69	93	135	99	100	130	88	99	142	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	31	26	30	35	20	43	29	36	37	
BLACK, NON-HISPANIC	32	71	76	65	48	75	31	45	53	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	2	4	4	0	1	1	0	0	
MULTIPLE RACE, NON-HISPANIC	0	2	4	2	4	6	3	6	4	
OTHER, NON-HISPANIC	2	8	7	13	22	11	16	24	38	
UNKNOWN	47	64	54	68	57	67	42	39	37	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Legionellosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022

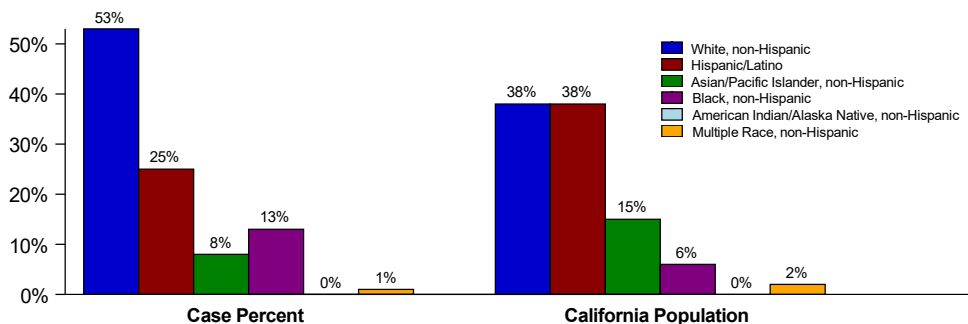


Legionellosis Average Incidence Rates by Age Group, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Legionellosis Cases and Population by Race/Ethnicity, California, 2014-2022



10.8% (n=475) of reported incidents of Legionellosis did not identify race/ethnicity and 3.2% (n=141) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Leprosy (Hansen's Disease)

Leprosy (Hansen's Disease), Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	10	0.0*	12	0.0*	3	0.0*	8	0.0*	9	0.0*	8	0.0*	7	0.0*	3	0.0*	6	0.0*
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	0	-
ALAMEDA	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	0	-	0	-	0	-	2	0.2*	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	4	0.0*	2	0.0*	2	0.0*	2	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*	2	0.0*
LOS ANGELES	4	0.0*	2	0.0*	2	0.0*	2	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	2	0.1*	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	1	0.0*
PLACER	0	-	0	-	0	-	1	0.3*	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	2	0.1*	1	0.0*	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.1*
SAN FRANCISCO	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	2	0.2*	0	-	0	-
SAN JOAQUIN	0	-	2	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	2	0.1*	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	1	0.1*	0	-	2	0.2*	0	-	0	-	1	0.1*	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Leprosy (Hansen’s Disease)

Leprosy (Hansen’s Disease), Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	10	12	3	8	9	8	7	3	6	
JANUARY	0	2	0	4	0	0	1	0	2	
FEBRUARY	0	0	0	0	3	0	0	0	0	
MARCH	2	0	0	0	2	1	0	0	0	
APRIL	1	0	1	0	0	2	1	0	2	
MAY	0	2	0	0	0	2	0	1	1	
JUNE	1	1	1	0	0	1	1	1	0	
JULY	1	3	0	1	1	1	0	0	0	
AUGUST	0	1	0	1	1	0	1	0	0	
SEPTEMBER	2	0	0	0	0	0	0	1	0	
OCTOBER	0	1	0	1	1	0	1	0	1	
NOVEMBER	1	0	0	1	1	1	1	0	0	
DECEMBER	2	2	1	0	0	0	1	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Leprosy (Hansen’s Disease), Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	12	0.0*	3	0.0*	8	0.0*	9	0.0*	8	0.0*	7	0.0*	3	0.0*	6	0.0*
FEMALE	2	0.0*	2	0.0*	1	0.0*	1	0.0*	2	0.0*	3	0.0*	3	0.0*	0	-	0	-
MALE	8	0.0*	10	0.1*	2	0.0*	7	0.0*	7	0.0*	5	0.0*	4	0.0*	3	0.0*	6	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Leprosy (Hansen’s Disease), Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	12	0.0*	3	0.0*	8	0.0*	9	0.0*	8	0.0*	7	0.0*	3	0.0*	6	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
25-34	0	-	3	0.1*	1	0.0*	2	0.0*	2	0.0*	1	0.0*	0	-	0	-	1	0.0*
35-44	5	0.1*	4	0.1*	0	-	3	0.1*	2	0.0*	2	0.0*	3	0.1*	2	0.0*	2	0.0*
45-54	0	-	2	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-
55-64	1	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	2	0.0*	0	-	1	0.0*
65+	4	0.1*	0	-	0	-	2	0.0*	3	0.1*	4	0.1*	1	0.0*	1	0.0*	2	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

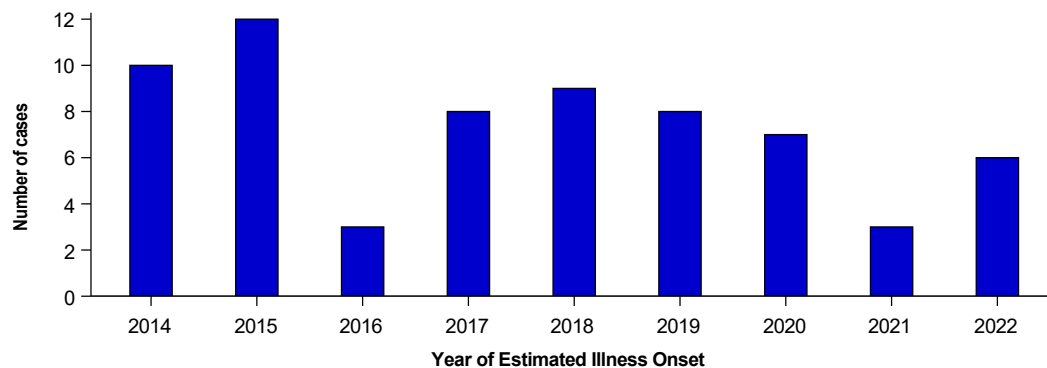
*Potentially unreliable rate: relative standard error 23 percent or more.

Leprosy (Hansen’s Disease), Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	10	12	3	8	9	8	7	3	6		
WHITE, NON-HISPANIC	1	1	0	0	0	1	0	0	0		
HISPANIC/LATINO	1	4	1	3	4	5	2	1	2		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	5	4	2	4	2	1	2	2	3		
BLACK, NON-HISPANIC	0	1	0	0	1	0	0	0	0		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
OTHER, NON-HISPANIC	1	0	0	1	0	0	1	0	1		
UNKNOWN	2	2	0	0	2	1	2	0	0		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Leprosy (Hansen’s Disease) Cases by Year of Estimated Illness Onset, California, 2014-2022



Leptospirosis

Leptospirosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	5	0.0*	1	0.0*	6	0.0*	7	0.0*	8	0.0*	8	0.0*	8	0.0*	5	0.0*	5	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	0	-
ALAMEDA	0	-	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	1	0.0*	1	0.0*	2	0.0*	1	0.0*	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	1	0.0*	0	-	2	0.0*	1	0.0*	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
NAPA	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-
PLACER	0	-	0	-	1	0.3*	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-
SACRAMENTO	0	-	0	-	1	0.1*	2	0.1*	0	-	0	-	1	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	2	0.1*	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	1	0.1*	1	0.1*	0	-	2	0.2*	2	0.2*	0	-	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	1	0.1*	0	-	0	-	0	-	2	0.1*	1	0.1*	0	-	0	-	2	0.1*
SANTA CRUZ	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year. For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Leptospirosis

Leptospirosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	5	1	6	7	8	8	8	5	5	
JANUARY	0	0	0	0	1	0	1	0	2	
FEBRUARY	0	0	0	1	0	0	1	0	0	
MARCH	0	0	1	1	1	0	0	0	0	
APRIL	0	0	2	1	0	0	0	1	0	
MAY	0	0	1	0	1	1	1	0	0	
JUNE	0	0	0	1	1	0	0	0	0	
JULY	1	1	0	0	1	3	0	0	0	
AUGUST	1	0	0	1	3	2	1	0	1	
SEPTEMBER	0	0	1	1	0	0	0	1	0	
OCTOBER	1	0	0	0	0	0	2	2	1	
NOVEMBER	1	0	0	1	0	1	1	1	0	
DECEMBER	1	0	1	0	0	1	1	1	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Leptospirosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014	2015	2016	2017	2018	2019	2020	2021	2022									
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE								
TOTAL	5	0.0*	1	0.0*	6	0.0*	7	0.0*	8	0.0*	8	0.0*	5	0.0*	5	0.0*		
FEMALE	0	-	0	-	3	0.0*	1	0.0*	1	0.0*	4	0.0*	0	-	2	0.0*	1	0.0*
MALE	5	0.0*	1	0.0*	3	0.0*	6	0.0*	7	0.0*	4	0.0*	8	0.0*	3	0.0*	4	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Leptospirosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014	2015	2016	2017	2018	2019	2020	2021	2022									
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE								
TOTAL	5	0.0*	1	0.0*	6	0.0*	7	0.0*	8	0.0*	8	0.0*	5	0.0*	5	0.0*		
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
15-24	2	0.0*	1	0.0*	1	0.0*	0	-	3	0.1*	0	-	1	0.0*	0	-		
25-34	0	-	0	-	1	0.0*	2	0.0*	2	0.0*	0	-	2	0.0*	1	0.0*	1	0.0*
35-44	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	3	0.1*	1	0.0*	2	0.0*	0	-
45-54	1	0.0*	0	-	1	0.0*	0	-	2	0.0*	2	0.0*	2	0.0*	1	0.0*	1	0.0*
55-64	1	0.0*	0	-	2	0.0*	2	0.0*	1	0.0*	2	0.0*	1	0.0*	1	0.0*	1	0.0*
65+	0	-	0	-	0	-	2	0.0*	0	-	1	0.0*	1	0.0*	0	-	2	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

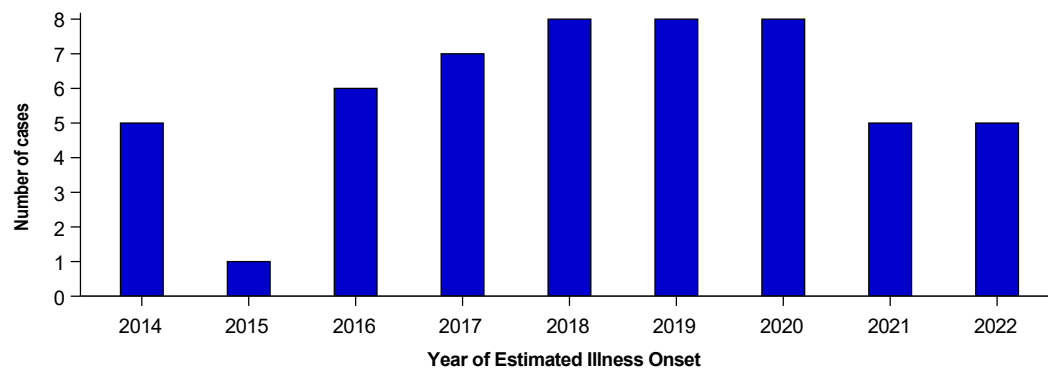
*Potentially unreliable rate: relative standard error 23 percent or more.

Leptospirosis, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	5	1	6	7	8	8	8	5	5	
WHITE, NON-HISPANIC	2	1	2	4	3	3	4	2	3	
HISPANIC/LATINO	0	0	0	1	0	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	3	0	1	0	
BLACK, NON-HISPANIC	1	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	1	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	2	1	0	
UNKNOWN	2	0	3	2	5	2	2	1	2	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Leptospirosis Cases by Year of Estimated Illness Onset, California, 2014-2022



Listeriosis

Listeriosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	116	131	131	133	88	113	112	106	104	
JANUARY	5	11	2	15	3	11	3	4	6	
FEBRUARY	6	7	8	8	4	8	5	4	5	
MARCH	12	9	12	11	7	5	5	5	5	
APRIL	12	9	12	7	3	7	4	10	8	
MAY	4	5	6	5	9	13	7	7	9	
JUNE	5	19	11	13	9	16	15	6	10	
JULY	17	13	13	19	12	13	13	11	11	
AUGUST	14	14	16	16	15	11	12	11	18	
SEPTEMBER	17	13	19	16	9	11	11	16	12	
OCTOBER	8	13	13	8	5	3	16	15	8	
NOVEMBER	8	11	10	6	6	10	5	2	6	
DECEMBER	8	7	9	9	6	5	16	15	6	

For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Includes reported cases of neonatal and non-neonatal listeriosis.

Listeriosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	116	0.3	131	0.3	131	0.3	133	0.3	88	0.2	113	0.3	112	0.3	106	0.3	104	0.3
FEMALE	72	0.4	78	0.4	66	0.3	85	0.4	51	0.3	65	0.3	62	0.3	54	0.3	52	0.3
MALE	44	0.2	53	0.3	65	0.3	48	0.2	37	0.2	48	0.2	50	0.3	52	0.3	52	0.3

Rates are expressed as cases per 100,000 jurisdiction population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Includes reported cases of neonatal and non-neonatal listeriosis.

Listeriosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	116	0.3	131	0.3	131	0.3	133	0.3	88	0.2	113	0.3	112	0.3	106	0.3	104	0.3
0	5	1.0*	4	0.8*	4	0.8*	4	0.8*	10	2.2*	5	1.1*	7	1.6*	8	1.9*	7	1.6*
1-4	1	0.1*	1	0.1*	0	-	2	0.1*	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*
10-14	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*
15-24	5	0.1*	2	0.0*	5	0.1*	2	0.0*	2	0.0*	3	0.1*	3	0.1*	4	0.1*	4	0.1*
25-34	10	0.2*	7	0.1*	9	0.2*	10	0.2*	5	0.1*	9	0.2*	12	0.2*	12	0.2*	6	0.1*
35-44	8	0.2*	8	0.2*	7	0.1*	13	0.3*	6	0.1*	8	0.2*	7	0.1*	5	0.1*	9	0.2*
45-54	11	0.2*	8	0.2*	13	0.2*	15	0.3*	5	0.1*	11	0.2*	6	0.1*	3	0.1*	6	0.1*
55-64	11	0.2*	19	0.4	15	0.3*	14	0.3*	17	0.3*	16	0.3*	13	0.3*	14	0.3*	12	0.3*
65+	64	1.3	82	1.6	77	1.4	72	1.3	43	0.7	61	1.0	64	1.0	59	0.9	58	0.9

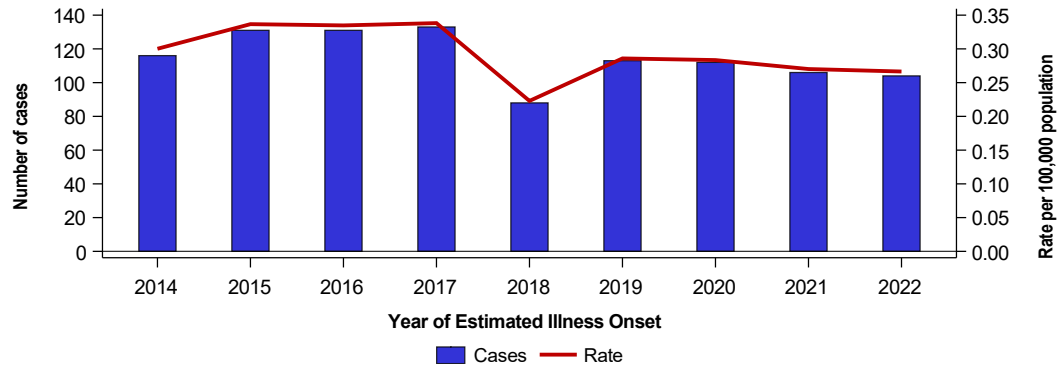
Rates are expressed as cases per 100,000 jurisdiction population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Includes reported cases of neonatal and non-neonatal listeriosis.

Listeriosis, Cases by Race/Ethnicity, California, 2014-2022

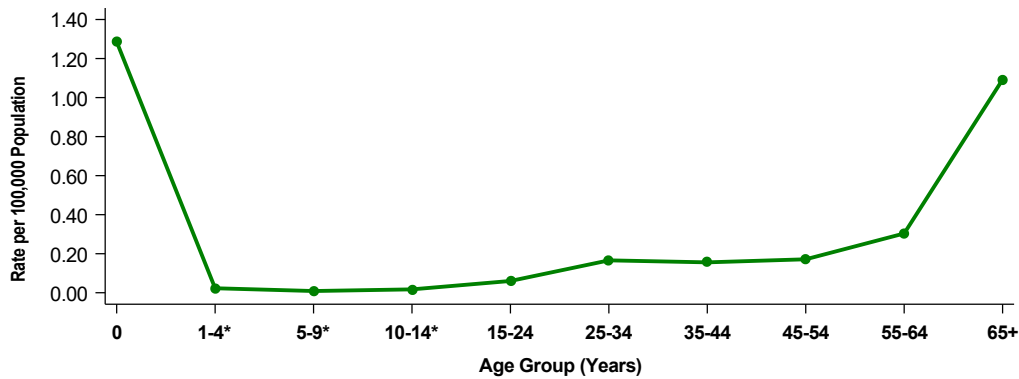
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	116	131	131	133	88	113	112	106	104	
WHITE, NON-HISPANIC	33	48	59	45	29	33	33	33	33	
HISPANIC/LATINO	37	37	32	35	30	39	40	37	31	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	28	20	22	33	16	25	25	25	25	
BLACK, NON-HISPANIC	4	4	6	6	2	6	2	2	4	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	1	0	0	0	0	0	0	1	0	
MULTIPLE RACE, NON-HISPANIC	1	2	0	0	1	2	1	0	1	
OTHER, NON-HISPANIC	2	5	4	4	5	4	3	5	4	
UNKNOWN	10	15	8	10	5	4	8	3	6	

For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Includes reported cases of neonatal and non-neonatal listeriosis.

Listeriosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022

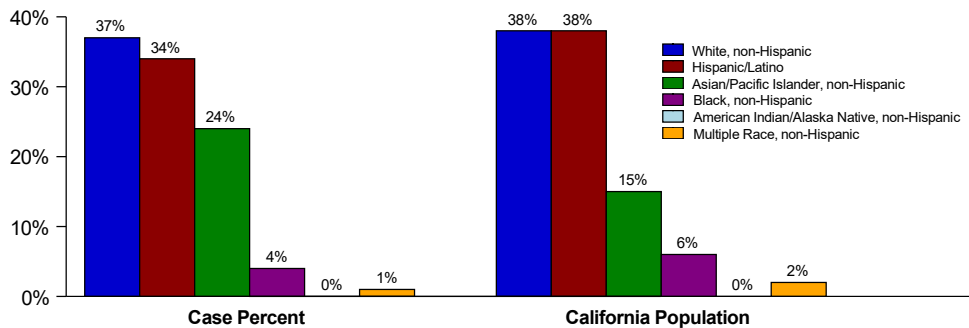


Listeriosis Average Incidence Rates by Age Group, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Listeriosis Cases and Population by Race/Ethnicity, California, 2014-2022



6.7% (n=69) of reported incidents of Listeriosis did not identify race/ethnicity and 3.5% (n=36) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Lyme Disease

Lyme Disease, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	91	130	152	177	121	140	57	114	77	
JANUARY	3	11	7	13	6	5	4	8	4	
FEBRUARY	4	3	4	6	5	6	7	5	5	
MARCH	3	6	6	17	4	8	2	3	6	
APRIL	6	9	10	10	10	11	5	6	7	
MAY	8	16	11	21	9	10	3	8	2	
JUNE	12	13	19	28	21	17	9	20	9	
JULY	21	21	30	26	22	22	7	23	15	
AUGUST	17	19	30	23	7	17	2	17	10	
SEPTEMBER	5	10	10	8	16	15	5	9	6	
OCTOBER	4	10	12	12	5	10	4	6	5	
NOVEMBER	4	6	5	8	7	12	4	6	5	
DECEMBER	4	6	8	5	9	7	5	3	3	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Lyme Disease, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	91	0.2	130	0.3	152	0.4	177	0.5	121	0.3	140	0.4	57	0.1	114	0.3	77	0.2
FEMALE	50	0.3	52	0.3	66	0.3	96	0.5	67	0.3	74	0.4	23	0.1	50	0.3	37	0.2
MALE	40	0.2	78	0.4	85	0.4	81	0.4	54	0.3	66	0.3	34	0.2	64	0.3	40	0.2
UNKNOWN	1	-	0	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Lyme Disease, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	91	0.2	130	0.3	152	0.4	177	0.5	121	0.3	140	0.4	57	0.1	114	0.3	77	0.2
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
1-4	2	0.1*	3	0.2*	4	0.2*	4	0.2*	2	0.1*	1	0.1*	2	0.1*	2	0.1*	2	0.1*
5-9	5	0.2*	17	0.7*	10	0.4*	5	0.2*	5	0.2*	9	0.4*	1	0.0*	16	0.6*	7	0.3*
10-14	5	0.2*	11	0.4*	14	0.6*	15	0.6*	7	0.3*	4	0.2*	3	0.1*	6	0.2*	8	0.3*
15-24	10	0.2*	10	0.2*	9	0.2*	17	0.3*	13	0.2*	20	0.4	8	0.1*	10	0.2*	8	0.1*
25-34	15	0.3*	15	0.3*	28	0.5	27	0.5	14	0.3*	23	0.4	16	0.3*	8	0.2*	8	0.1*
35-44	10	0.2*	16	0.3*	24	0.5	26	0.5	15	0.3*	15	0.3*	7	0.1*	15	0.3*	6	0.1*
45-54	16	0.3*	21	0.4	17	0.3*	25	0.5	24	0.5	19	0.4	6	0.1*	7	0.1*	10	0.2*
55-64	19	0.4	16	0.3*	19	0.4	31	0.6	25	0.5	22	0.4	3	0.1*	26	0.5	11	0.2*
65+	9	0.2*	21	0.4	26	0.5	27	0.5	16	0.3*	27	0.4	11	0.2*	24	0.4	16	0.2*
UNKNOWN	0	-	0	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

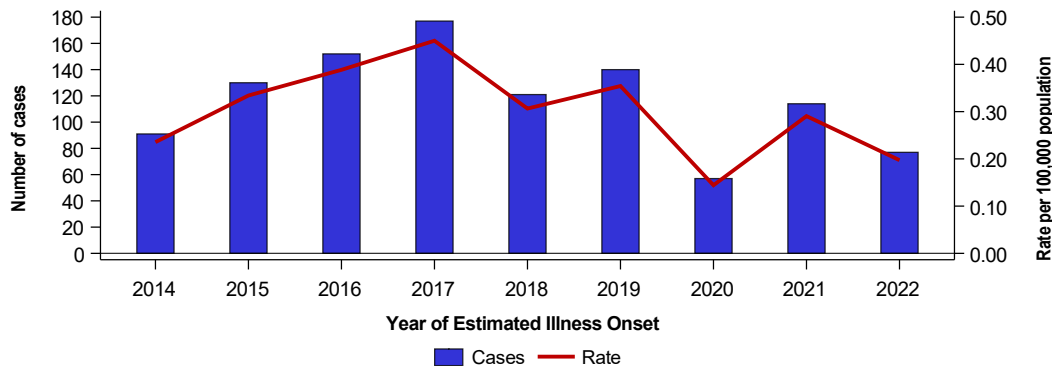
*Potentially unreliable rate: relative standard error 23 percent or more.

Lyme Disease, Cases by Race/Ethnicity, California, 2014-2022

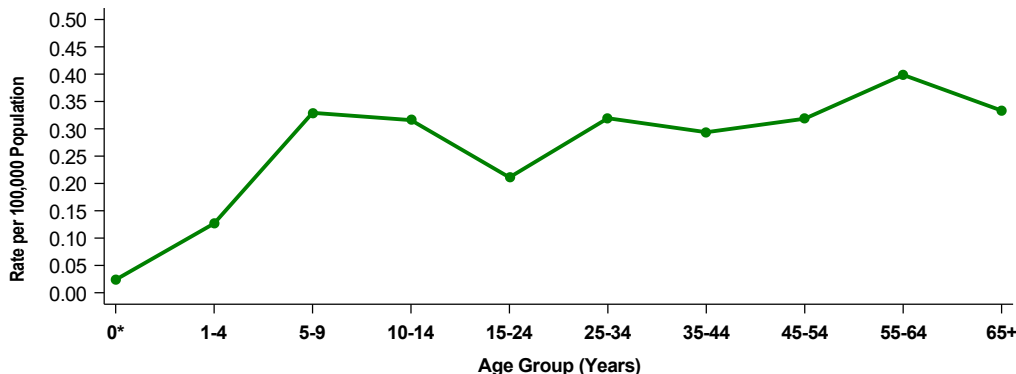
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	91	130	152	177	121	140	57	114	77	
WHITE, NON-HISPANIC	44	64	58	66	43	48	20	66	45	
HISPANIC/LATINO	5	4	9	7	2	5	3	8	6	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	8	9	4	4	4	4	4	3	
BLACK, NON-HISPANIC	0	1	1	1	3	1	1	0	1	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	1	1	1	0	0	1	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	1	2	0	1	0	0	
OTHER, NON-HISPANIC	0	0	5	5	5	4	2	2	1	
UNKNOWN	40	52	69	93	62	77	26	34	21	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Lyme Disease Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022

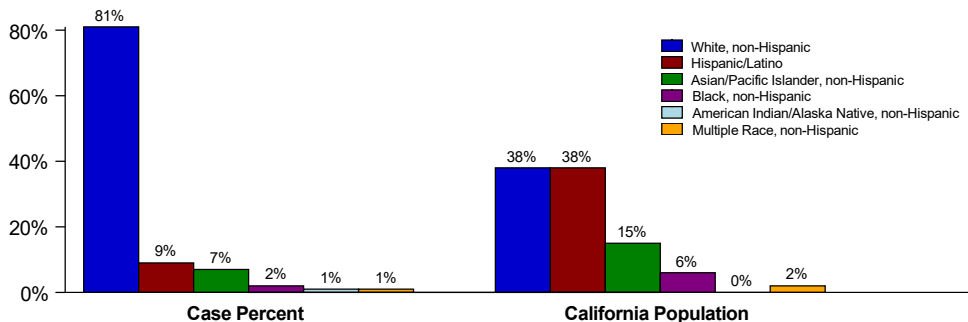


Lyme Disease Average Incidence Rates by Age Group, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Lyme Disease Cases and Population by Race/Ethnicity, California, 2014-2022



44.8% (n=474) of reported incidents of Lyme Disease did not identify race/ethnicity and 2.3% (n=24) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Malaria

Malaria, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	95	101	129	134	97	105	45	82	116	
JANUARY	6	9	6	9	10	9	12	4	12	
FEBRUARY	5	7	7	6	4	2	3	2	7	
MARCH	5	3	5	5	3	5	3	3	5	
APRIL	4	7	11	9	10	6	4	3	12	
MAY	7	6	11	11	7	9	6	11	6	
JUNE	8	13	14	8	8	14	1	8	11	
JULY	19	14	16	18	10	11	5	9	17	
AUGUST	12	11	24	16	11	9	3	12	10	
SEPTEMBER	5	10	15	21	12	18	0	11	12	
OCTOBER	9	11	6	15	5	9	3	5	11	
NOVEMBER	8	6	7	9	8	5	0	5	8	
DECEMBER	7	4	7	7	9	8	5	9	5	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Malaria, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	95	0.2	101	0.3	129	0.3	134	0.3	97	0.2	105	0.3	45	0.1	82	0.2	116	0.3
FEMALE	36	0.2	38	0.2	53	0.3	46	0.2	43	0.2	42	0.2	20	0.1	24	0.1	40	0.2
MALE	59	0.3	63	0.3	76	0.4	88	0.4	54	0.3	63	0.3	25	0.1	58	0.3	76	0.4

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Malaria, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	95	0.2	101	0.3	129	0.3	134	0.3	97	0.2	105	0.3	45	0.1	82	0.2	116	0.3
0	1	0.2*	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	0	-
1-4	2	0.1*	1	0.1*	3	0.2*	2	0.1*	5	0.3*	2	0.1*	3	0.2*	0	-	5	0.3*
5-9	1	0.0*	5	0.2*	7	0.3*	4	0.2*	6	0.2*	8	0.3*	2	0.1*	1	0.0*	5	0.2*
10-14	3	0.1*	3	0.1*	5	0.2*	9	0.4*	2	0.1*	8	0.3*	2	0.1*	6	0.2*	5	0.2*
15-24	15	0.3*	15	0.3*	16	0.3*	22	0.4	14	0.3*	10	0.2*	7	0.1*	10	0.2*	13	0.2*
25-34	23	0.4	24	0.4	31	0.6	29	0.5	20	0.4	14	0.3*	12	0.2*	15	0.3*	26	0.5
35-44	14	0.3*	21	0.4	15	0.3*	20	0.4	14	0.3*	23	0.4	4	0.1*	12	0.2*	20	0.4
45-54	14	0.3*	11	0.2*	15	0.3*	15	0.3*	15	0.3*	12	0.2*	8	0.2*	16	0.3*	12	0.3*
55-64	15	0.3*	9	0.2*	20	0.4	20	0.4	16	0.3*	13	0.3*	2	0.0*	15	0.3*	15	0.3*
65+	6	0.1*	11	0.2*	16	0.3*	12	0.2*	5	0.1*	14	0.2*	5	0.1*	7	0.1*	15	0.2*
UNKNOWN	1	-	1	-	0	-	0	-	0	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

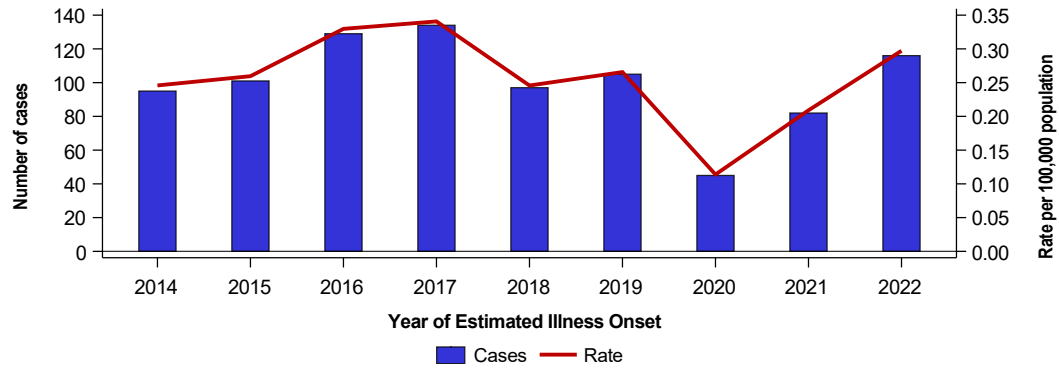
*Potentially unreliable rate: relative standard error 23 percent or more.

Malaria, Cases by Race/Ethnicity, California, 2014-2022

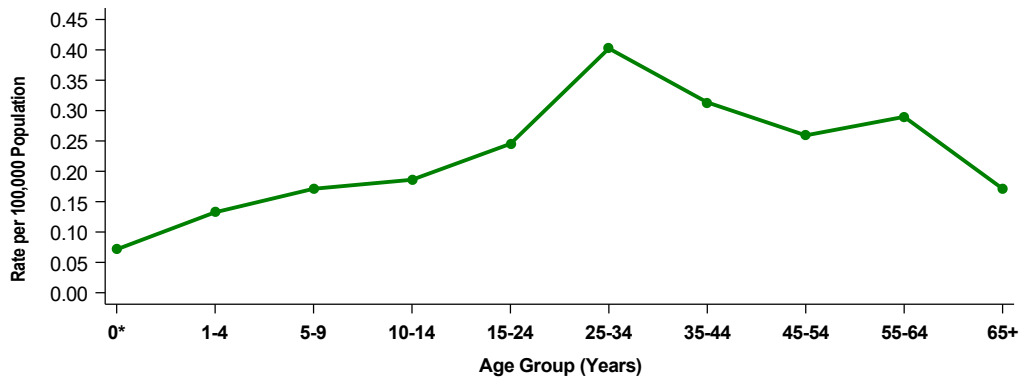
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	95	101	129	134	97	105	45	82	116	
WHITE, NON-HISPANIC	16	18	21	17	11	12	7	6	9	
HISPANIC/LATINO	4	5	8	5	2	3	0	5	4	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	11	17	15	17	24	12	7	6	10	
BLACK, NON-HISPANIC	37	39	62	68	36	47	17	48	65	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	1	1	3	2	2	0	0	0	1	
MULTIPLE RACE, NON-HISPANIC	1	0	2	1	1	1	2	1	1	
OTHER, NON-HISPANIC	5	7	7	12	9	11	6	6	12	
UNKNOWN	20	14	11	12	12	19	6	10	14	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Malaria Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022

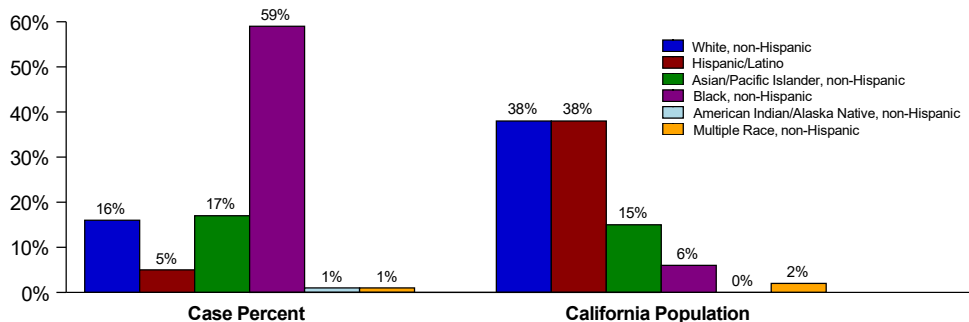


Malaria Average Incidence Rates by Age Group, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Malaria Cases and Population by Race/Ethnicity, California, 2014-2022



13.1% (n=118) of reported incidents of Malaria did not identify race/ethnicity and 8.3% (n=75) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Paralytic Shellfish Poisoning

Paralytic Shellfish Poisoning, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0		0		0		0		1	0.0*	0		0		1	0.0*	0	
ALAMEDA COUNTY TOTAL	0		0		0		0		0	-	0		0		1	0.1*	0	
ALAMEDA	0		0		0		0		0	-	0		0		1	0.1*	0	
BERKELEY	0		0		0		0		0	-	0		0		0		0	
ALPINE	0		0		0		0		0	-	0		0		0		0	
AMADOR	0		0		0		0		0	-	0		0		0		0	
BUTTE	0		0		0		0		0	-	0		0		0		0	
CALAVERAS	0		0		0		0		0	-	0		0		0		0	
COLUSA	0		0		0		0		0	-	0		0		0		0	
CONTRA COSTA	0		0		0		0		0	-	0		0		0		0	
DEL NORTE	0		0		0		0		0	-	0		0		0		0	
EL DORADO	0		0		0		0		0	-	0		0		0		0	
FRESNO	0		0		0		0		0	-	0		0		0		0	
GLENN	0		0		0		0		0	-	0		0		0		0	
HUMBOLDT	0		0		0		0		0	-	0		0		0		0	
IMPERIAL	0		0		0		0		0	-	0		0		0		0	
INYO	0		0		0		0		0	-	0		0		0		0	
KERN	0		0		0		0		0	-	0		0		0		0	
KINGS	0		0		0		0		0	-	0		0		0		0	
LAKE	0		0		0		0		0	-	0		0		0		0	
LASSEN	0		0		0		0		0	-	0		0		0		0	
LOS ANGELES COUNTY TOTAL	0		0		0		0		0	-	0		0		0		0	
LOS ANGELES	0		0		0		0		0	-	0		0		0		0	
LONG BEACH	0		0		0		0		0	-	0		0		0		0	
PASADENA	0		0		0		0		0	-	0		0		0		0	
MADERA	0		0		0		0		0	-	0		0		0		0	
MARIN	0		0		0		0		0	-	0		0		0		0	
MARIPOSA	0		0		0		0		0	-	0		0		0		0	
MENDOCINO	0		0		0		0		0	-	0		0		0		0	
MERCED	0		0		0		0		0	-	0		0		0		0	
MODOC	0		0		0		0		0	-	0		0		0		0	
MONO	0		0		0		0		0	-	0		0		0		0	
MONTEREY	0		0		0		0		0	-	0		0		0		0	
NAPA	0		0		0		0		0	-	0		0		0		0	
NEVADA	0		0		0		0		0	-	0		0		0		0	
ORANGE	0		0		0		0		0	-	0		0		0		0	
PLACER	0		0		0		0		0	-	0		0		0		0	
PLUMAS	0		0		0		0		0	-	0		0		0		0	
RIVERSIDE	0		0		0		0		0	-	0		0		0		0	
SACRAMENTO	0		0		0		0		0	-	0		0		0		0	
SAN BENITO	0		0		0		0		0	-	0		0		0		0	
SAN BERNARDINO	0		0		0		0		0	-	0		0		0		0	
SAN DIEGO	0		0		0		0		0	-	0		0		0		0	
SAN FRANCISCO	0		0		0		0		0	-	0		0		0		0	
SAN JOAQUIN	0		0		0		0		0	-	0		0		0		0	
SAN LUIS OBISPO	0		0		0		0		0	-	0		0		0		0	
SAN MATEO	0		0		0		0		0	-	0		0		0		0	
SANTA BARBARA	0		0		0		0		0	-	0		0		0		0	
SANTA CLARA	0		0		0		0		0	-	0		0		0		0	
SANTA CRUZ	0		0		0		0		0	-	0		0		0		0	
SHASTA	0		0		0		0		0	-	0		0		0		0	
SIERRA	0		0		0		0		0	-	0		0		0		0	
SISKIYOU	0		0		0		0		0	-	0		0		0		0	
SOLANO	0		0		0		0		0	-	0		0		0		0	
SONOMA	0		0		0		0		1	0.2*	0		0		0		0	
STANISLAUS	0		0		0		0		0	-	0		0		0		0	
SUTTER	0		0		0		0		0	-	0		0		0		0	
TEHAMA	0		0		0		0		0	-	0		0		0		0	
TRINITY	0		0		0		0		0	-	0		0		0		0	
TULARE	0		0		0		0		0	-	0		0		0		0	
TUOLUMNE	0		0		0		0		0	-	0		0		0		0	
VENTURA	0		0		0		0		0	-	0		0		0		0	
YOLO	0		0		0		0		0	-	0		0		0		0	
YUBA	0		0		0		0		0	-	0		0		0		0	

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Paralytic Shellfish Poisoning

Paralytic Shellfish Poisoning, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	0	0	0	0	1	0	0	1	0	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	1	0	
MARCH	0	0	0	0	1	0	0	0	0	
APRIL	0	0	0	0	0	0	0	0	0	
MAY	0	0	0	0	0	0	0	0	0	
JUNE	0	0	0	0	0	0	0	0	0	
JULY	0	0	0	0	0	0	0	0	0	
AUGUST	0	0	0	0	0	0	0	0	0	
SEPTEMBER	0	0	0	0	0	0	0	0	0	
OCTOBER	0	0	0	0	0	0	0	0	0	
NOVEMBER	0	0	0	0	0	0	0	0	0	
DECEMBER	0	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Paralytic Shellfish Poisoning, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-
FEMALE	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
MALE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Paralytic Shellfish Poisoning, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Paralytic Shellfish Poisoning, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	0	0	0	0	1	0	0	1	0		
WHITE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
HISPANIC/LATINO	0	0	0	0	0	0	0	0	0		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
UNKNOWN	0	0	0	0	1	0	0	1	0		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Paratyphoid Fever

Paratyphoid Fever, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	23	0.1	10	0.0*	18	0.0*	10	0.0*	21	0.1	33	0.1	18	0.0*	8	0.0*	29	0.1
ALAMEDA COUNTY TOTAL	3	0.2*	3	0.2*	5	0.3*	1	0.1*	1	0.1*	6	0.4*	5	0.3*	0	-	1	0.1*
ALAMEDA	3	0.2*	3	0.2*	5	0.3*	1	0.1*	1	0.1*	6	0.4*	5	0.3*	0	-	1	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	2	0.2*	2	0.2*	2	0.2*	1	0.1*	2	0.2*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	4	0.0*	0	-	4	0.0*	1	0.0*	5	0.0*	4	0.0*	3	0.0*	1	0.0*	6	0.1*
LOS ANGELES	3	0.0*	0	-	4	0.0*	1	0.0*	5	0.1*	4	0.0*	3	0.0*	1	0.0*	6	0.1*
LONG BEACH	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	3	0.1*
PLACER	1	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-
SACRAMENTO	1	0.1*	0	-	3	0.2*	0	-	1	0.1*	2	0.1*	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	4	0.1*	0	-	0	-	0	-	1	0.0*	2	0.1*	0	-	1	0.0*	3	0.1*
SAN FRANCISCO	0	-	0	-	0	-	1	0.1*	3	0.3*	2	0.2*	1	0.1*	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	2	0.3*	0	-	0	-	1	0.1*
SANTA BARBARA	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	7	0.4*	5	0.3*	2	0.1*	4	0.2*	7	0.4*	11	0.6*	5	0.3*	3	0.2*	12	0.6*
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year. For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Paratyphoid Fever

Paratyphoid Fever, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	23	10	18	10	21	33	18	8	29	
JANUARY	5	0	2	2	0	0	6	0	4	
FEBRUARY	1	2	1	0	6	3	6	0	1	
MARCH	3	2	1	2	1	2	3	1	3	
APRIL	2	0	0	0	0	3	0	1	3	
MAY	3	0	2	1	0	1	0	2	0	
JUNE	2	0	0	0	1	4	1	1	4	
JULY	2	1	1	0	0	5	0	0	3	
AUGUST	3	2	4	0	7	6	1	1	0	
SEPTEMBER	1	0	4	1	2	2	0	1	2	
OCTOBER	0	1	0	0	1	1	0	0	3	
NOVEMBER	0	0	0	2	1	2	0	0	1	
DECEMBER	1	2	3	2	2	4	1	1	5	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Paratyphoid Fever, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	23	0.1	10	0.0*	18	0.0*	10	0.0*	21	0.1	33	0.1	18	0.0*	8	0.0*	29	0.1
FEMALE	11	0.1*	6	0.0*	10	0.1*	3	0.0*	9	0.0*	22	0.1	9	0.0*	4	0.0*	19	0.1
MALE	12	0.1*	4	0.0*	8	0.0*	7	0.0*	12	0.1*	11	0.1*	9	0.0*	4	0.0*	10	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Paratyphoid Fever, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	23	0.1	10	0.0*	18	0.0*	10	0.0*	21	0.1	33	0.1	18	0.0*	8	0.0*	29	0.1
0	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	3	0.2*	0	-	0	-	0	-	1	0.1*	2	0.1*	0	-	2	0.1*	2	0.1*
5-9	2	0.1*	2	0.1*	3	0.1*	0	-	1	0.0*	2	0.1*	0	-	0	-	2	0.1*
10-14	4	0.2*	2	0.1*	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	2	0.1*	1	0.0*
15-24	2	0.0*	1	0.0*	2	0.0*	4	0.1*	3	0.1*	6	0.1*	4	0.1*	2	0.0*	6	0.1*
25-34	2	0.0*	0	-	4	0.1*	3	0.1*	7	0.1*	11	0.2*	6	0.1*	1	0.0*	6	0.1*
35-44	3	0.1*	2	0.0*	4	0.1*	1	0.0*	4	0.1*	3	0.1*	2	0.0*	0	-	3	0.1*
45-54	3	0.1*	0	-	4	0.1*	0	-	4	0.1*	3	0.1*	1	0.0*	0	-	5	0.1*
55-64	3	0.1*	2	0.0*	0	-	0	-	0	-	4	0.1*	3	0.1*	0	-	1	0.0*
65+	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	2	0.0*	1	0.0*	3	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

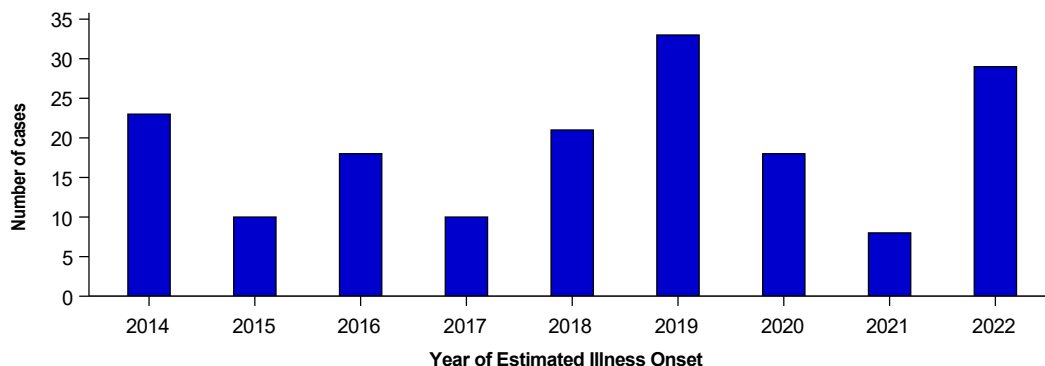
*Potentially unreliable rate: relative standard error 23 percent or more.

Paratyphoid Fever, Cases by Race/Ethnicity, California, 2014-2022

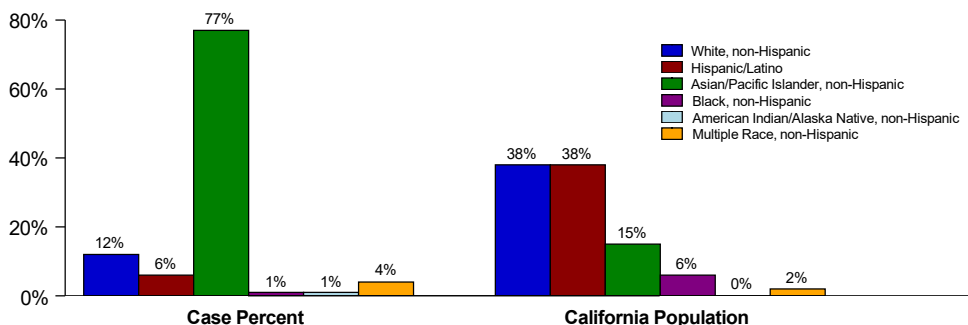
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	23	10	18	10	21	33	18	8	29		
WHITE, NON-HISPANIC	2	0	2	1	2	4	1	0	4		
HISPANIC/LATINO	0	0	1	2	1	1	0	1	3		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	17	8	12	6	15	18	12	5	14		
BLACK, NON-HISPANIC	1	0	0	0	0	0	0	0	0		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	1	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	1	0	0	0	0	1	0	2	1		
OTHER, NON-HISPANIC	1	1	1	0	2	7	2	0	4		
UNKNOWN	1	1	2	1	0	2	3	0	3		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Paratyphoid Fever Cases by Year of Estimated Illness Onset, California, 2014-2022



Paratyphoid Fever Cases and Population by Race/Ethnicity, California, 2014-2022



7.6% (n=13) of reported incidents of Paratyphoid Fever did not identify race/ethnicity and 10.6% (n=18) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Plague, human

Plague, human, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0		1	0.0*	0		0		0		0		1	0.0*	1	0.0*	0	
ALAMEDA COUNTY TOTAL	0		0		0		0		0		0		0		0		0	
ALAMEDA	0		0		0		0		0		0		0		0		0	
BERKELEY	0		0		0		0		0		0		0		0		0	
ALPINE	0		0		0		0		0		0		0		0		0	
AMADOR	0		0		0		0		0		0		0		0		0	
BUTTE	0		0		0		0		0		0		0		0		0	
CALAVERAS	0		0		0		0		0		0		0		0		0	
COLUSA	0		0		0		0		0		0		0		0		0	
CONTRA COSTA	0		0		0		0		0		0		0		0		0	
DEL NORTE	0		0		0		0		0		0		0		0		0	
EL DORADO	0		0		0		0		0		0		1	0.5*	0		0	
FRESNO	0		0		0		0		0		0		0		0		0	
GLENN	0		0		0		0		0		0		0		0		0	
HUMBOLDT	0		0		0		0		0		0		0		0		0	
IMPERIAL	0		0		0		0		0		0		0		0		0	
INYO	0		0		0		0		0		0		0		0		0	
KERN	0		0		0		0		0		0		0		0		0	
KINGS	0		0		0		0		0		0		0		0		0	
LAKE	0		0		0		0		0		0		0		0		0	
LASSEN	0		0		0		0		0		0		0		0		0	
LOS ANGELES COUNTY TOTAL	0		1	0.0*	0		0		0		0		0		0		0	
LOS ANGELES	0		1	0.0*	0		0		0		0		0		0		0	
LONG BEACH	0		0		0		0		0		0		0		0		0	
PASADENA	0		0		0		0		0		0		0		0		0	
MADERA	0		0		0		0		0		0		0		0		0	
MARIN	0		0		0		0		0		0		0		0		0	
MARIPOSA	0		0		0		0		0		0		0		0		0	
MENDOCINO	0		0		0		0		0		0		0		0		0	
MERCED	0		0		0		0		0		0		0		0		0	
MODOC	0		0		0		0		0		0		0		0		0	
MONO	0		0		0		0		0		0		0		0		0	
MONTEREY	0		0		0		0		0		0		0		0		0	
NAPA	0		0		0		0		0		0		0		0		0	
NEVADA	0		0		0		0		0		0		0		0		0	
ORANGE	0		0		0		0		0		0		0		0		0	
PLACER	0		0		0		0		0		0		0		0		0	
PLUMAS	0		0		0		0		0		0		0		0		0	
RIVERSIDE	0		0		0		0		0		0		0		0		0	
SACRAMENTO	0		0		0		0		0		0		0		0		0	
SAN BENITO	0		0		0		0		0		0		0		0		0	
SAN BERNARDINO	0		0		0		0		0		0		0		0		0	
SAN DIEGO	0		0		0		0		0		0		0		0		0	
SAN FRANCISCO	0		0		0		0		0		0		0		0		0	
SAN JOAQUIN	0		0		0		0		0		0		0		0		0	
SAN LUIS OBISPO	0		0		0		0		0		0		0		0		0	
SAN MATEO	0		0		0		0		0		0		0		0		0	
SANTA BARBARA	0		0		0		0		0		0		0		0		0	
SANTA CLARA	0		0		0		0		0		0		0		1	0.1*	0	
SANTA CRUZ	0		0		0		0		0		0		0		0		0	
SHASTA	0		0		0		0		0		0		0		0		0	
SIERRA	0		0		0		0		0		0		0		0		0	
SISKIYOU	0		0		0		0		0		0		0		0		0	
SOLANO	0		0		0		0		0		0		0		0		0	
SONOMA	0		0		0		0		0		0		0		0		0	
STANISLAUS	0		0		0		0		0		0		0		0		0	
SUTTER	0		0		0		0		0		0		0		0		0	
TEHAMA	0		0		0		0		0		0		0		0		0	
TRINITY	0		0		0		0		0		0		0		0		0	
TULARE	0		0		0		0		0		0		0		0		0	
TUOLUMNE	0		0		0		0		0		0		0		0		0	
VENTURA	0		0		0		0		0		0		0		0		0	
YOLO	0		0		0		0		0		0		0		0		0	
YUBA	0		0		0		0		0		0		0		0		0	

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Plague, human

Plague, human, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	0	1	0	0	0	0	1	1	0	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	
MARCH	0	0	0	0	0	0	0	0	0	
APRIL	0	0	0	0	0	0	0	0	0	
MAY	0	0	0	0	0	0	0	0	0	
JUNE	0	0	0	0	0	0	0	0	0	
JULY	0	1	0	0	0	0	0	1	0	
AUGUST	0	0	0	0	0	0	1	0	0	
SEPTEMBER	0	0	0	0	0	0	0	0	0	
OCTOBER	0	0	0	0	0	0	0	0	0	
NOVEMBER	0	0	0	0	0	0	0	0	0	
DECEMBER	0	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Plague, human, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-
FEMALE	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
MALE	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Plague, human, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-
55-64	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Plague, human, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	0	1	0	0	0	0	1	1	0		
WHITE, NON-HISPANIC	0	0	0	0	0	0	1	0	0		
HISPANIC/LATINO	0	1	0	0	0	0	0	0	0		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	0	1	0		
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
UNKNOWN	0	0	0	0	0	0	0	0	0		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Psittacosis

Psittacosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0		0		4	0.0*	2	0.0*	1	0.0*	0		1	0.0*	0		2	0.0*
ALAMEDA COUNTY TOTAL	0		0		0		0		0		0		0		0		0	
ALAMEDA	0		0		0		0		0		0		0		0		0	
BERKELEY	0		0		0		0		0		0		0		0		0	
ALPINE	0		0		0		0		0		0		0		0		0	
AMADOR	0		0		0		0		0		0		0		0		0	
BUTTE	0		0		0		0		0		0		0		0		0	
CALAVERAS	0		0		0		0		0		0		0		0		0	
COLUSA	0		0		0		0		0		0		0		0		0	
CONTRA COSTA	0		0		0		0		0		0		0		0		1	0.1*
DEL NORTE	0		0		0		0		0		0		0		0		0	
EL DORADO	0		0		0		0		0		0		0		0		0	
FRESNO	0		0		0		0		0		0		0		0		0	
GLENN	0		0		0		0		0		0		0		0		0	
HUMBOLDT	0		0		0		0		0		0		0		0		0	
IMPERIAL	0		0		0		0		0		0		0		0		0	
INYO	0		0		0		0		0		0		0		0		0	
KERN	0		0		0		0		0		0		0		0		0	
KINGS	0		0		0		0		0		0		0		0		0	
LAKE	0		0		0		0		0		0		0		0		0	
LASSEN	0		0		0		0		0		0		0		0		0	
LOS ANGELES COUNTY TOTAL	0		0		0		0		0		0		0		0		0	
LOS ANGELES	0		0		0		0		0		0		0		0		0	
LONG BEACH	0		0		0		0		0		0		0		0		0	
PASADENA	0		0		0		0		0		0		0		0		0	
MADERA	0		0		0		0		0		0		0		0		0	
MARIN	0		0		0		0		0		0		0		0		0	
MARIPOSA	0		0		0		0		0		0		0		0		0	
MENDOCINO	0		0		0		0		0		0		0		0		1	1.1*
MERCED	0		0		0		0		0		0		0		0		0	
MODOC	0		0		0		0		0		0		0		0		0	
MONO	0		0		0		0		0		0		0		0		0	
MONTEREY	0		0		0		0		0		0		0		0		0	
NAPA	0		0		0		0		0		0		0		0		0	
NEVADA	0		0		0		0		0		0		0		0		0	
ORANGE	0		0		0		0		0		0		0		0		0	
PLACER	0		0		0		0		0		0		0		0		0	
PLUMAS	0		0		0		0		0		0		0		0		0	
RIVERSIDE	0		0		0		0		0		0		0		0		0	
SACRAMENTO	0		0		0		0		0		0		0		0		0	
SAN BENITO	0		0		0		0		0		0		0		0		0	
SAN BERNARDINO	0		0		0		0		0		0		0		0		0	
SAN DIEGO	0		0		4	0.1*	2	0.1*	0		0		1	0.0*	0		0	
SAN FRANCISCO	0		0		0		0		0		0		0		0		0	
SAN JOAQUIN	0		0		0		0		0		0		0		0		0	
SAN LUIS OBISPO	0		0		0		0		0		0		0		0		0	
SAN MATEO	0		0		0		0		0		0		0		0		0	
SANTA BARBARA	0		0		0		0		0		0		0		0		0	
SANTA CLARA	0		0		0		0		0		0		0		0		0	
SANTA CRUZ	0		0		0		0		0		0		0		0		0	
SHASTA	0		0		0		0		0		0		0		0		0	
SIERRA	0		0		0		0		0		0		0		0		0	
SISKIYOU	0		0		0		0		0		0		0		0		0	
SOLANO	0		0		0		0		0		0		0		0		0	
SONOMA	0		0		0		0		0		0		0		0		0	
STANISLAUS	0		0		0		0		0		0		0		0		0	
SUTTER	0		0		0		0		0		0		0		0		0	
TEHAMA	0		0		0		0		0		0		0		0		0	
TRINITY	0		0		0		0		0		0		0		0		0	
TULARE	0		0		0		0		0		0		0		0		0	
TUOLUMNE	0		0		0		0		0		0		0		0		0	
VENTURA	0		0		0		0		1	0.1*	0		0		0		0	
YOLO	0		0		0		0		0		0		0		0		0	
YUBA	0		0		0		0		0		0		0		0		0	

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Psittacosis

Psittacosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	0	0	4	2	1	0	1	0	2	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	1	0	0	0	0	0	0	
MARCH	0	0	0	1	1	0	0	0	0	
APRIL	0	0	0	0	0	0	0	0	0	
MAY	0	0	0	0	0	0	1	0	2	
JUNE	0	0	1	0	0	0	0	0	0	
JULY	0	0	0	0	0	0	0	0	0	
AUGUST	0	0	1	0	0	0	0	0	0	
SEPTEMBER	0	0	0	1	0	0	0	0	0	
OCTOBER	0	0	1	0	0	0	0	0	0	
NOVEMBER	0	0	0	0	0	0	0	0	0	
DECEMBER	0	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Psittacosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	4	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	0	-	2	0.0*
FEMALE	0	-	0	-	3	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	0	-
MALE	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	2	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Psittacosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	4	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	0	-	2	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	2	0.0*
65+	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

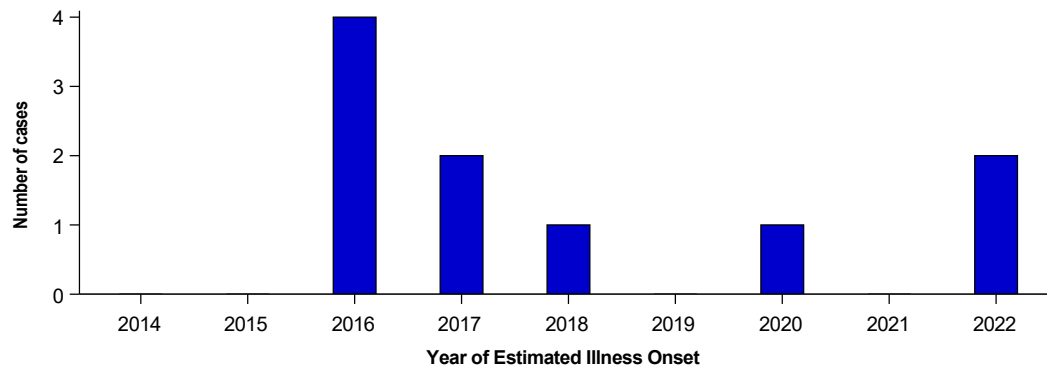
*Potentially unreliable rate: relative standard error 23 percent or more.

Psittacosis, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	0	0	4	2	1	0	1	0	2		
WHITE, NON-HISPANIC	0	0	1	1	0	0	0	0	1		
HISPANIC/LATINO	0	0	1	0	0	0	1	0	0		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	1	0	0	0	0	0	0		
BLACK, NON-HISPANIC	0	0	0	0	1	0	0	0	0		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
UNKNOWN	0	0	1	1	0	0	0	0	1		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Psittacosis Cases by Year of Estimated Illness Onset, California, 2014-2022



Q Fever

Q Fever, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	37	0.1	43	0.1	33	0.1	40	0.1	60	0.2	53	0.1	29	0.1	56	0.1	66	0.2
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-	1	0.1*	0	-	2	0.1*	0	-	1	0.1*	1	0.1*
ALAMEDA	1	0.1*	0	-	0	-	1	0.1*	0	-	2	0.1*	0	-	1	0.1*	1	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	2	0.2*	0	-	1	0.1*	2	0.2*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	2	1.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	4	0.4*	3	0.3*	2	0.2*	4	0.4*	0	-	1	0.1*	3	0.3*	7	0.7*	2	0.2*
GLENN	0	-	0	-	0	-	0	-	0	-	1	3.5*	0	-	0	-	0	-
HUMBOLDT	1	0.7*	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	2	1.5*
IMPERIAL	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	1	5.3*	0	-	0	-	0	-
KERN	1	0.1*	2	0.2*	2	0.2*	0	-	2	0.2*	0	-	0	-	1	0.1*	0	-
KINGS	0	-	1	0.7*	1	0.7*	1	0.7*	1	0.7*	0	-	0	-	0	-	1	0.7*
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	5	0.0*	3	0.0*	3	0.0*	6	0.1*	6	0.1*	1	0.0*	3	0.0*	10	0.1*
LOS ANGELES	1	0.0*	4	0.0*	3	0.0*	3	0.0*	6	0.1*	6	0.1*	0	-	3	0.0*	9	0.1*
LONG BEACH	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-
MADERA	2	1.3*	1	0.7*	0	-	1	0.6*	2	1.3*	0	-	1	0.6*	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*	0	-
MARIPOSA	0	-	0	-	1	5.7*	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	2	0.7*	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	0	-	0	-	2	0.5*	1	0.2*	0	-	0	-	1	0.2*
NAPA	0	-	1	0.7*	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-
ORANGE	3	0.1*	1	0.0*	1	0.0*	0	-	2	0.1*	2	0.1*	0	-	0	-	5	0.2*
PLACER	1	0.3*	0	-	0	-	1	0.3*	1	0.3*	1	0.2*	0	-	0	-	2	0.5*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	2	0.1*	10	0.4*	3	0.1*	11	0.5*	21	0.9	12	0.5*	7	0.3*	16	0.7*	9	0.4*
SACRAMENTO	0	-	4	0.3*	2	0.1*	2	0.1*	1	0.1*	3	0.2*	1	0.1*	3	0.2*	4	0.3*
SAN BENITO	0	-	0	-	0	-	1	1.6*	0	-	0	-	0	-	0	-	1	1.5*
SAN BERNARDINO	2	0.1*	0	-	2	0.1*	3	0.1*	2	0.1*	7	0.3*	6	0.3*	4	0.2*	5	0.2*
SAN DIEGO	1	0.0*	0	-	1	0.0*	2	0.1*	1	0.0*	2	0.1*	0	-	0	-	4	0.1*
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	1	0.1*
SAN JOAQUIN	4	0.6*	2	0.3*	0	-	1	0.1*	3	0.4*	1	0.1*	0	-	4	0.5*	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-
SANTA BARBARA	1	0.2*	0	-	0	-	1	0.2*	2	0.4*	0	-	1	0.2*	1	0.2*	0	-
SANTA CLARA	0	-	0	-	3	0.2*	2	0.1*	4	0.2*	2	0.1*	2	0.1*	2	0.1*	7	0.4*
SANTA CRUZ	0	-	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-
SHASTA	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	1	2.3*	0	-	0	-	0	-	0	-
SOLANO	2	0.5*	1	0.2*	0	-	1	0.2*	3	0.7*	3	0.7*	0	-	1	0.2*	2	0.4*
SONOMA	0	-	3	0.6*	1	0.2*	0	-	1	0.2*	1	0.2*	2	0.4*	2	0.4*	0	-
STANISLAUS	5	0.9*	4	0.7*	3	0.6*	1	0.2*	1	0.2*	1	0.2*	0	-	4	0.7*	5	0.9*
SUTTER	1	1.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	1	0.2*	0	-	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	1	1.8*	0	-	0	-
VENTURA	1	0.1*	2	0.2*	1	0.1*	2	0.2*	1	0.1*	0	-	0	-	1	0.1*	0	-
YOLO	2	1.0*	0	-	1	0.5*	0	-	0	-	0	-	0	-	3	1.4*	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.

Q Fever

Q Fever, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	37	43	33	40	60	53	29	56	66	
JANUARY	4	5	2	2	4	4	1	4	4	
FEBRUARY	3	1	2	5	3	4	7	3	10	
MARCH	2	2	1	3	10	3	1	6	10	
APRIL	6	6	5	7	11	6	1	12	9	
MAY	9	8	9	4	5	8	4	8	7	
JUNE	4	7	6	3	5	6	0	2	7	
JULY	1	2	3	5	6	5	2	5	6	
AUGUST	3	4	0	3	7	3	7	2	3	
SEPTEMBER	1	1	1	3	4	4	2	1	6	
OCTOBER	1	5	2	0	2	2	0	3	3	
NOVEMBER	1	0	0	3	3	4	3	8	0	
DECEMBER	2	2	2	2	0	4	1	2	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Q Fever, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	37	0.1	43	0.1	33	0.1	40	0.1	60	0.2	53	0.1	29	0.1	56	0.1	66	0.2
FEMALE	11	0.1*	5	0.0*	5	0.0*	11	0.1*	10	0.1*	10	0.1*	6	0.0*	13	0.1*	9	0.0*
MALE	26	0.1	38	0.2	28	0.1	29	0.1	50	0.3	43	0.2	23	0.1	43	0.2	57	0.3

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Q Fever, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	37	0.1	43	0.1	33	0.1	40	0.1	60	0.2	53	0.1	29	0.1	56	0.1	66	0.2
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	1	0.0*	0	-	0	-	0	-	1	0.0*	2	0.1*	0	-	0	-	0	-
15-24	1	0.0*	2	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	2	0.0*	0	-	2	0.0*
25-34	2	0.0*	4	0.1*	0	-	2	0.0*	4	0.1*	5	0.1*	1	0.0*	3	0.1*	4	0.1*
35-44	2	0.0*	4	0.1*	6	0.1*	6	0.1*	11	0.2*	4	0.1*	4	0.1*	12	0.2*	9	0.2*
45-54	12	0.2*	9	0.2*	11	0.2*	10	0.2*	12	0.2*	11	0.2*	10	0.2*	9	0.2*	9	0.2*
55-64	15	0.3*	14	0.3*	5	0.1*	10	0.2*	18	0.4*	16	0.3*	3	0.1*	16	0.3*	22	0.5
65+	4	0.1*	10	0.2*	10	0.2*	11	0.2*	14	0.2*	14	0.2*	9	0.1*	16	0.2*	20	0.3

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

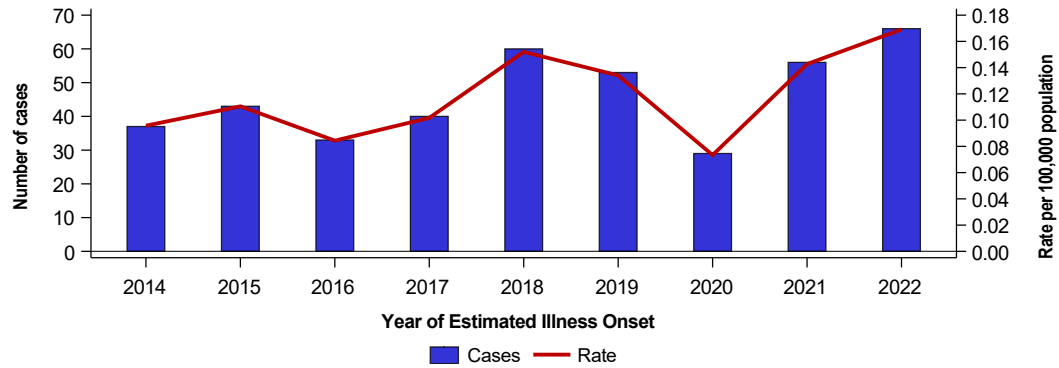
*Potentially unreliable rate: relative standard error 23 percent or more.

Q Fever, Cases by Race/Ethnicity, California, 2014-2022

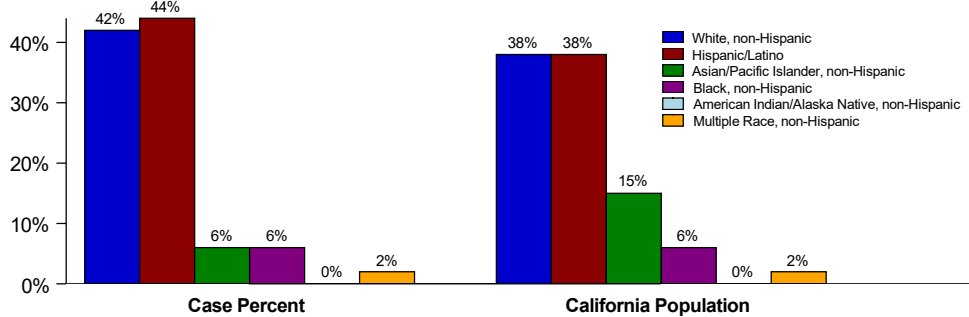
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	37	43	33	40	60	53	29	56	66		
WHITE, NON-HISPANIC	14	16	11	12	11	19	14	21	19		
HISPANIC/LATINO	10	13	8	16	29	19	5	21	21		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	5	2	1	2	3	1	2	2	3		
BLACK, NON-HISPANIC	1	0	1	1	1	2	1	7	5		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	1	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	1	1	1	0	1	1		
OTHER, NON-HISPANIC	1	0	2	2	5	2	1	0	3		
UNKNOWN	5	12	10	6	10	9	6	4	14		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Q Fever Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



Q Fever Cases and Population by Race/Ethnicity, California, 2014-2022



18.2% (n=76) of reported incidents of Q Fever did not identify race/ethnicity and 3.8% (n=16) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Rabies, animal

Rabies, animal, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	200	N/A	230	N/A	226	N/A	231	N/A	226	N/A	276	N/A	248	N/A	220	N/A	241	N/A
ALAMEDA COUNTY TOTAL	2	N/A	13	N/A	2	N/A	2	N/A	2	N/A	7	N/A	4	N/A	4	N/A	2	N/A
ALAMEDA	2	N/A	13	N/A	2	N/A	2	N/A	2	N/A	7	N/A	3	N/A	4	N/A	2	N/A
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	4	N/A	3	N/A	11	N/A	11	N/A	7	N/A	4	N/A	4	N/A	5	N/A	4	N/A
BUTTE	6	N/A	12	N/A	6	N/A	4	N/A	8	N/A	5	N/A	6	N/A	4	N/A	9	N/A
CALAVERAS	0	-	5	N/A	4	N/A	3	N/A	2	N/A	1	N/A	4	N/A	2	N/A	6	N/A
COLUSA	2	N/A	2	N/A	1	N/A	0	-	0	-	0	-	1	N/A	0	-	0	-
CONTRA COSTA	5	N/A	7	N/A	7	N/A	8	N/A	5	N/A	8	N/A	3	N/A	1	N/A	2	N/A
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	N/A
EL DORADO	16	N/A	12	N/A	14	N/A	12	N/A	7	N/A	5	N/A	11	N/A	12	N/A	20	N/A
FRESNO	2	N/A	1	N/A	4	N/A	0	-	2	N/A	5	N/A	4	N/A	1	N/A	2	N/A
GLENN	2	N/A	2	N/A	2	N/A	4	N/A	2	N/A	2	N/A	1	N/A	2	N/A	0	-
HUMBOLDT	0	-	1	N/A	8	N/A	1	N/A	2	N/A	4	N/A	0	-	0	-	2	N/A
IMPERIAL	0	-	1	N/A	1	N/A	0	-	0	-	0	-	1	N/A	0	-	0	-
INYO	0	-	0	-	1	N/A	0	-	0	-	3	N/A	0	-	0	-	0	-
KERN	3	N/A	0	-	1	N/A	5	N/A	1	N/A	0	-	1	N/A	1	N/A	0	-
KINGS	0	-	0	-	0	-	1	N/A	3	N/A	1	N/A	0	-	1	N/A	0	-
LAKE	0	-	0	-	0	-	2	N/A	1	N/A	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	1	N/A	0	-	0	-	1	N/A	0	-	0	-
LOS ANGELES COUNTY TOTAL	42	N/A	34	N/A	38	N/A	33	N/A	27	N/A	51	N/A	51	N/A	68	N/A	50	N/A
LOS ANGELES	42	N/A	34	N/A	38	N/A	33	N/A	27	N/A	50	N/A	51	N/A	68	N/A	50	N/A
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	4	N/A	1	N/A	1	N/A	0	-	3	N/A
MARIN	13	N/A	3	N/A	15	N/A	16	N/A	13	N/A	16	N/A	10	N/A	6	N/A	11	N/A
MARIPOSA	5	N/A	0	-	5	N/A	1	N/A	0	-	2	N/A	0	-	1	N/A	1	N/A
MENDOCINO	0	-	2	N/A	2	N/A	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	2	N/A	0	-	0	-	0	-	0	-	1	N/A	1	N/A	0	-
MODOC	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-	0	-	0	-
MONO	0	-	0	-	1	N/A	1	N/A	0	-	0	-	0	-	1	N/A	0	-
MONTEREY	2	N/A	4	N/A	4	N/A	0	-	2	N/A	0	-	1	N/A	0	-	4	N/A
NAPA	0	-	1	N/A	1	N/A	2	N/A	0	-	0	-	0	-	2	N/A	2	N/A
NEVADA	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-	2	N/A	2	N/A
ORANGE	7	N/A	11	N/A	12	N/A	13	N/A	11	N/A	15	N/A	19	N/A	17	N/A	18	N/A
PLACER	3	N/A	7	N/A	2	N/A	5	N/A	1	N/A	2	N/A	5	N/A	5	N/A	2	N/A
PLUMAS	0	-	0	-	1	N/A	0	-	0	-	0	-	0	-	3	N/A	1	N/A
RIVERSIDE	6	N/A	16	N/A	7	N/A	14	N/A	7	N/A	13	N/A	16	N/A	6	N/A	13	N/A
SACRAMENTO	4	N/A	12	N/A	7	N/A	11	N/A	21	N/A	14	N/A	7	N/A	12	N/A	10	N/A
SAN BENITO	2	N/A	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	11	N/A	8	N/A	9	N/A	11	N/A	4	N/A	7	N/A	22	N/A	12	N/A	17	N/A
SAN DIEGO	7	N/A	6	N/A	7	N/A	16	N/A	7	N/A	7	N/A	8	N/A	4	N/A	3	N/A
SAN FRANCISCO	6	N/A	3	N/A	2	N/A	4	N/A	2	N/A	3	N/A	1	N/A	1	N/A	2	N/A
SAN JOAQUIN	1	N/A	3	N/A	1	N/A	3	N/A	5	N/A	6	N/A	5	N/A	5	N/A	3	N/A
SAN LUIS OBISPO	0	-	1	N/A	2	N/A	3	N/A	2	N/A	1	N/A	1	N/A	2	N/A	1	N/A
SAN MATEO	2	N/A	3	N/A	0	-	3	N/A	5	N/A	3	N/A	4	N/A	4	N/A	2	N/A
SANTA BARBARA	0	-	1	N/A	1	N/A	0	-	1	N/A	6	N/A	5	N/A	3	N/A	4	N/A
SANTA CLARA	8	N/A	10	N/A	3	N/A	5	N/A	10	N/A	9	N/A	6	N/A	5	N/A	7	N/A
SANTA CRUZ	1	N/A	1	N/A	0	-	0	-	0	-	0	-	1	N/A	1	N/A	2	N/A
SHASTA	0	-	1	N/A	0	-	0	-	1	N/A	1	N/A	1	N/A	0	-	2	N/A
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	N/A	0	-
SISKIYOU	0	-	0	-	1	N/A	0	-	0	-	1	N/A	1	N/A	0	-	0	-
SOLANO	2	N/A	4	N/A	4	N/A	1	N/A	4	N/A	4	N/A	1	N/A	0	-	3	N/A
SONOMA	8	N/A	5	N/A	5	N/A	3	N/A	5	N/A	5	N/A	5	N/A	4	N/A	4	N/A
STANISLAUS	1	N/A	3	N/A	0	-	0	-	0	-	2	N/A	2	N/A	1	N/A	0	-
SUTTER	1	N/A	3	N/A	3	N/A	6	N/A	12	N/A	0	-	1	N/A	0	-	1	N/A
TEHAMA	0	-	1	N/A	1	N/A	0	-	0	-	2	N/A	0	-	0	-	0	-
TRINITY	1	N/A	0	-	1	N/A	1	N/A	1	N/A	0	-	1	N/A	0	-	4	N/A
TULARE	0	-	6	N/A	6	N/A	1	N/A	3	N/A	8	N/A	4	N/A	3	N/A	0	-
TUOLUMNE	0	-	0	-	0	-	1	N/A	10	N/A	21	N/A	2	N/A	1	N/A	0	-
VENTURA	4	N/A	7	N/A	6	N/A	7	N/A	11	N/A	9	N/A	1	N/A	3	N/A	6	N/A
YOLO	14	N/A	7	N/A	13	N/A	13	N/A	11	N/A	15	N/A	21	N/A	10	N/A	11	N/A
YUBA	7	N/A	6	N/A	4	N/A	3	N/A	2	N/A	7	N/A	3	N/A	3	N/A	4	N/A

For inclusion/exclusion criteria, please refer to the Technical Notes.

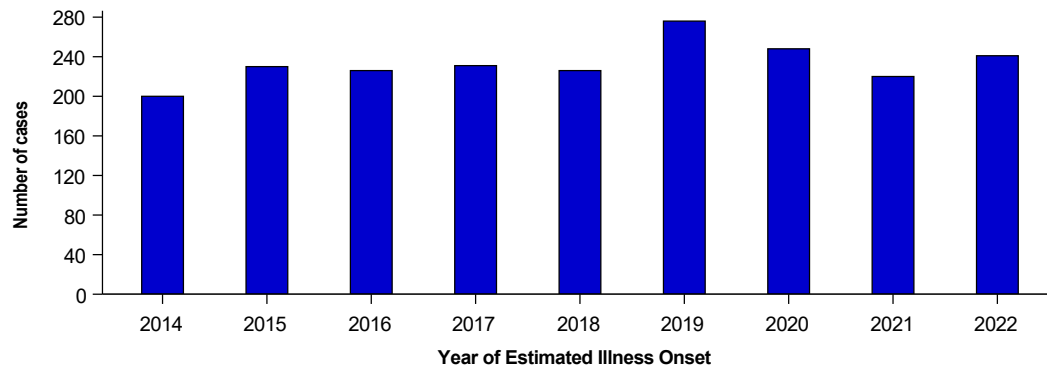
Rabies, animal

Rabies, animal, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	200	230	226	231	226	276	248	220	241	
JANUARY	5	5	4	2	5	9	6	8	2	
FEBRUARY	7	12	11	8	13	7	12	6	7	
MARCH	16	33	10	22	5	18	16	11	11	
APRIL	14	22	21	16	13	23	20	14	23	
MAY	15	20	11	22	18	30	21	20	24	
JUNE	24	19	18	24	26	25	19	22	24	
JULY	14	23	23	32	22	24	37	23	31	
AUGUST	34	26	37	36	30	38	40	42	38	
SEPTEMBER	24	24	35	24	27	38	39	36	42	
OCTOBER	25	30	25	28	44	40	24	14	25	
NOVEMBER	20	10	20	11	19	13	10	17	7	
DECEMBER	2	6	11	6	4	11	4	7	7	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Rabies, animal Cases by Year of Estimated Illness Onset, California, 2014-2022



Rabies, human

No cases of Rabies, human were reported to CDPH with illness onset during 2014-2022

Relapsing Fever**Relapsing Fever, Cases and Rates by Health Jurisdiction, California, 2014-2022**

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	10	0.0*	8	0.0*	12	0.0*	4	0.0*	11	0.0*	7	0.0*	3	0.0*	8	0.0*	4	0.0*
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-
ALAMEDA	0	-	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	1	0.8*	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	2	10.6*	1	5.3*	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	2	0.0*	1	0.0*
LOS ANGELES	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	3	21.9*	1	7.4*	1	7.5*	0	-	2	15.1*	3	22.7*	0	-	1	7.5*	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	3	0.1*	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.1*	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	2	0.1*	2	0.1*	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	1	0.4*	0	-	2	0.7*	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	1	0.2*	0	-	0	-	2	0.4*	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	4	0.9*	4	0.9*	0	-	1	0.2*	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.9*
VENTURA	0	-	0	-	0	-	0	-	2	0.2*	0	-	0	-	1	0.1*	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Relapsing Fever

Relapsing Fever, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	10	8	12	4	11	7	3	8	4	
JANUARY	2	0	0	0	1	2	0	0	0	
FEBRUARY	0	0	0	1	0	0	0	0	0	
MARCH	0	0	0	0	1	0	0	0	0	
APRIL	0	0	0	0	0	2	0	0	0	
MAY	0	0	0	0	0	0	0	1	0	
JUNE	1	0	0	0	1	0	0	0	2	
JULY	4	4	5	2	5	3	1	5	1	
AUGUST	3	3	7	1	0	0	2	2	1	
SEPTEMBER	0	1	0	0	2	0	0	0	0	
OCTOBER	0	0	0	0	1	0	0	0	0	
NOVEMBER	0	0	0	0	0	0	0	0	0	
DECEMBER	0	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Relapsing Fever, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	8	0.0*	12	0.0*	4	0.0*	11	0.0*	7	0.0*	3	0.0*	8	0.0*	4	0.0*
FEMALE	5	0.0*	5	0.0*	6	0.0*	2	0.0*	4	0.0*	4	0.0*	3	0.0*	3	0.0*	3	0.0*
MALE	5	0.0*	3	0.0*	6	0.0*	2	0.0*	7	0.0*	3	0.0*	0	-	5	0.0*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Relapsing Fever, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	8	0.0*	12	0.0*	4	0.0*	11	0.0*	7	0.0*	3	0.0*	8	0.0*	4	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	0	-
5-9	2	0.1*	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-
10-14	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-
15-24	0	-	4	0.1*	1	0.0*	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*
25-34	1	0.0*	2	0.0*	4	0.1*	0	-	3	0.1*	2	0.0*	0	-	0	-	0	-
35-44	2	0.0*	0	-	1	0.0*	0	-	1	0.0*	2	0.0*	0	-	1	0.0*	0	-
45-54	2	0.0*	1	0.0*	2	0.0*	0	-	2	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*
55-64	1	0.0*	1	0.0*	2	0.0*	3	0.1*	2	0.0*	0	-	0	-	2	0.0*	2	0.0*
65+	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	2	0.0*	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

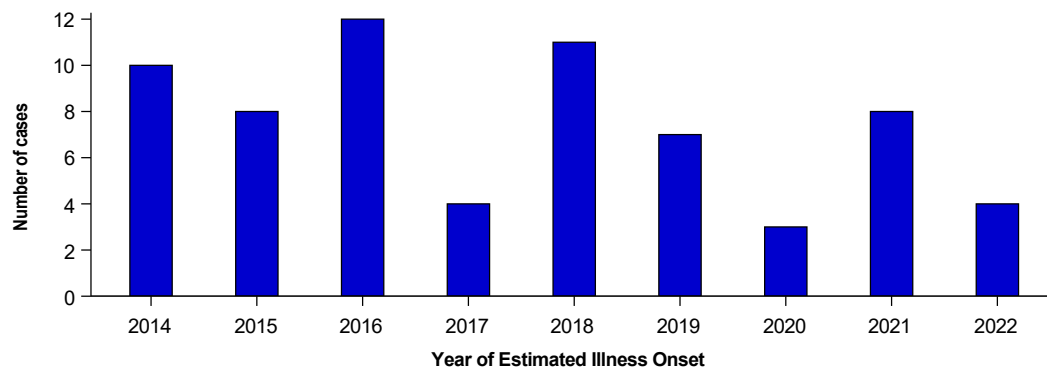
*Potentially unreliable rate: relative standard error 23 percent or more.

Relapsing Fever, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET											
	2014	2015	2016	2017	2018	2019	2020	2021	2022			
TOTAL	10	8	12	4	11	7	3	8	4			
WHITE, NON-HISPANIC	6	4	10	3	8	4	3	5	4			
HISPANIC/LATINO	1	0	0	0	0	1	0	0	0			
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	2	0	0	0	0	0	0	0			
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0			
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0			
MULTIPLE RACE, NON-HISPANIC	0	1	0	0	0	0	0	0	0			
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0			
UNKNOWN	3	1	2	1	3	2	0	3	0			

For inclusion/exclusion criteria, please refer to the Technical Notes.

Relapsing Fever Cases by Year of Estimated Illness Onset, California, 2014-2022



Salmonellosis

Salmonellosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	5,352	13.8	5,601	14.4	4,769	12.2	5,423	13.8	6,305	16.0	5,775	14.6	4,011	10.1	4,646	11.8	5,623	14.4
ALAMEDA COUNTY TOTAL	272	16.9	305	18.7	182	11.0	265	16.0	294	17.6	283	16.9	148	8.8	170	10.3	247	15.1
ALAMEDA	253	17.2	283	18.9	167	11.1	242	15.9	276	18.0	268	17.4	140	9.0	164	10.6	233	15.3
BERKELEY	19	16.1	22	18.4	15	12.5*	23	19.0	18	14.8*	15	12.3*	8	6.3*	6	5.0*	14	11.4*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	84.7*	0	-
AMADOR	7	19.0*	6	16.3*	4	10.5*	3	7.8*	6	15.0*	5	12.4*	4	9.9*	6	14.9*	5	12.5*
BUTTE	48	21.1	39	17.0	50	21.7	40	17.2	36	15.3	30	13.2	31	14.7	37	17.9	25	12.1
CALAVERAS	11	24.2*	2	4.4*	1	2.2*	7	15.4*	5	11.0*	9	19.9*	10	22.1*	2	4.4*	6	13.4*
COLUSA	1	4.7*	3	14.0*	4	18.5*	2	9.2*	1	4.6*	3	13.8*	2	9.2*	1	4.6*	3	13.7*
CONTRA COSTA	159	14.3	175	15.5	114	10.0	175	15.2	190	16.4	190	16.3	140	12.0	141	12.2	215	18.7
DEL NORTE	1	3.7*	0	-	4	14.8*	2	7.4*	1	3.6*	0	-	1	3.6*	1	3.7*	1	3.8*
EL DORADO	25	13.7	32	17.6	28	15.3	41	22.2	38	20.3	39	20.8	26	13.6	21	11.0	38	20.1
FRESNO	157	16.3	183	18.8	133	13.6	133	13.5	160	16.1	160	16.0	91	9.0	111	11.0	123	12.1
GLENN	4	14.2*	0	-	4	14.3*	1	3.6*	0	-	2	7.0*	1	3.5*	8	27.8*	3	10.5*
HUMBOLDT	12	8.8*	14	10.3*	12	8.7*	9	6.5*	13	9.5*	12	8.8*	7	5.1*	5	3.7*	11	8.2*
IMPERIAL	27	15.1	54	30.0	43	23.9	43	23.8	69	38.2	80	44.2	38	21.1	49	27.3	67	37.4
INYO	3	15.9*	4	21.2*	1	5.3*	6	31.7*	1	5.3*	1	5.3*	3	15.8*	2	10.6*	2	10.6*
KERN	88	10.1	125	14.2	81	9.2	64	7.2	120	13.4	118	13.1	70	7.7	70	7.7	80	8.8
KINGS	15	10.1*	15	10.1*	10	6.8*	48	32.2	22	14.6	14	9.2*	17	11.2*	12	7.9*	7	4.6*
LAKE	9	13.3*	9	13.4*	4	6.0*	6	8.8*	10	14.6*	6	8.8*	5	7.4*	8	11.8*	9	13.4*
LASSEN	3	9.2*	0	-	1	3.1*	5	15.3*	1	3.0*	2	6.1*	2	6.3*	1	3.2*	1	3.4*
LOS ANGELES COUNTY TOTAL	1,228	12.2	1,205	11.9	1,092	10.8	1,154	11.4	1,522	15.1	1,325	13.2	840	8.4	1,115	11.3	1,352	13.8
LOS ANGELES	1,144	12.1	1,136	11.9	1,023	10.7	1,092	11.4	1,424	14.9	1,255	13.1	784	8.3	1,064	11.4	1,247	13.5
LONG BEACH	61	12.9	46	9.7	50	10.5	46	9.7	71	15.0	51	10.8	48	10.3	39	8.5	78	16.9
PASADENA	23	16.3	23	16.3	19	13.4	16	11.1*	27	18.7	19	13.1	8	5.7*	12	8.6*	27	19.6
MADERA	23	15.1	22	14.4	21	13.7	38	24.6	17	10.9*	27	17.4	24	15.4	12	7.7*	27	17.2
MARIN	62	23.5	61	23.1	53	20.0	38	14.4	45	17.0	54	20.5	19	7.3	31	12.0	40	15.7
MARIPOSA	2	11.2*	6	33.8*	4	22.7*	1	5.7*	6	34.6*	0	-	1	5.8*	0	-	2	11.8*
MENDOCINO	6	6.7*	12	13.3*	9	9.9*	8	8.7*	14	15.3*	15	16.4*	8	8.8*	13	14.4*	16	17.9*
MERCED	22	8.3	40	15.0	21	7.8	24	8.8	32	11.6	37	13.3	33	11.7	26	9.2	29	10.2
MODOC	1	11.2*	0	-	0	-	0	-	1	11.4*	0	-	0	-	0	-	0	-
MONO	0	-	2	14.8*	0	-	1	7.5*	0	-	2	15.1*	4	30.1*	4	30.2*	2	15.2*
MONTEREY	57	13.3	64	14.8	29	6.6	39	8.9	44	10.0	48	10.9	42	9.6	31	7.1	39	9.0
NAPA	28	19.9	28	19.9	23	16.3	23	16.4	20	14.3	23	16.6	19	13.7	16	11.6*	19	14.0
NEVADA	11	11.0*	10	10.0*	12	11.9*	12	11.8*	15	14.7*	9	8.8*	10	9.8*	18	17.6*	16	15.9*
ORANGE	414	13.2	492	15.6	351	11.1	371	11.6	433	13.6	434	13.6	307	9.6	332	10.5	394	12.5
PLACER	51	13.7	70	18.6	66	17.3	100	25.7	90	22.7	79	19.7	65	16.0	58	14.2	94	22.9
PLUMAS	5	25.3*	3	15.2*	2	10.2*	1	5.1*	1	5.1*	1	5.0*	0	-	0	-	1	5.2*
RIVERSIDE	228	9.9	210	9.1	231	9.9	254	10.8	290	12.2	261	10.9	183	7.6	275	11.3	329	13.5
SACRAMENTO	162	10.9	196	13.0	139	9.1	289	18.8	225	14.5	201	12.8	163	10.3	143	9.0	149	9.5
SAN BENITO	9	15.4*	8	13.5*	6	10.0*	2	3.3*	10	16.2*	15	23.7*	10	15.5*	17	26.1*	15	22.8*
SAN BERNARDINO	233	11.1	263	12.4	234	11.0	231	10.8	309	14.3	254	11.7	229	10.5	287	13.1	315	14.4
SAN DIEGO	534	16.5	576	17.7	541	16.6	569	17.4	783	23.8	657	19.9	495	15.0	591	18.0	683	20.8
SAN FRANCISCO	174	20.5	158	18.4	108	12.5	163	18.8	131	15.0	183	21.0	107	12.3	74	8.8	106	12.7
SAN JOAQUIN	113	15.7	111	15.2	114	15.4	111	14.8	142	18.7	143	18.5	89	11.4	80	10.2	125	15.9
SAN LUIS OBISPO	39	14.0	50	17.9	41	14.6	28	9.9	21	7.4	29	10.3	22	7.8	27	9.7	46	16.4
SAN MATEO	146	19.3	139	18.3	125	16.4	146	19.1	145	18.9	125	16.3	85	11.2	80	10.7	94	12.7
SANTA BARBARA	69	15.7	85	19.2	79	17.8	74	16.6	82	18.3	77	17.2	48	10.7	51	11.6	56	12.6
SANTA CLARA	358	18.9	289	15.1	276	14.3	337	17.4	345	17.8	304	15.7	207	10.8	266	14.0	296	15.7
SANTA CRUZ	54	19.8	34	12.4	35	12.7	32	11.6	31	11.3	36	13.2	19	7.0	24	9.1	35	13.2
SHASTA	31	17.1	26	14.4	26	14.4	35	19.3	31	17.1	25	13.8	29	15.9	28	15.4	29	16.1
SIERRA	0	-	1	31.1*	0	-	2	61.9*	1	30.9*	0	-	0	-	0	-	0	-
SISKIYOU	4	8.9*	4	9.0*	7	15.7*	3	6.8*	2	4.5*	4	9.1*	7	15.9*	6	13.8*	7	16.1*
SOLANO	55	12.8	71	16.3	63	14.3	56	12.6	82	18.3	77	17.0	48	10.6	40	8.9	50	11.2
SONOMA	60	12.0	58	11.6	59	11.8	80	16.0	83	16.7	61	12.4	57	11.7	53	11.0	69	14.4
STANISLAUS	85	16.0	70	13.1	83	15.3	77	14.1	109	19.8	44	8.0	35	6.3	40	7.2	56	10.2
SUTTER	10	10.5*	10	10.4*	8	8.3*	11	11.3*	24	24.2	15	14.8*	12	12.1*	7	7.1*	9	9.1*
TEHAMA	8	12.7*	14	22.0*	14	21.9*	14	21.8*	10	15.5*	11	16.8*	13	19.8*	16	24.5*	14	21.6*
TRINITY	2	14.1*	0	-	2	13.5*	2	12.9*	1	6.3*	0	-	0	-	3	18.7*	1	6.3*
TULARE	60	13.1	87	18.9	70	15.1	72	15.5	79	16.9	74	15.7	46	9.7	54	11.4	67	14.1
TUOLUMNE	3	5.4*	3	5.4*	4	7.3*	7	12.7*	4	7.2*	4	7.2*	3	5.4*	7	12.8*	11	20.5*
VENTURA	114	13.5	109	12.8	106	12.5	114	13.4	115	13.5	130	15.4	95	11.2	141	16.8	157	18.9
YOLO	42	20.2	41	19.5	32	15.0	32	14.9	27	12.5	29	13.4	31	14.2	20	9.3	23	10.3
YUBA	7	9.3*	7	9.2*	7	9.1*	22	28.1	16	20.2*	8	10.0*	10	12.2*	14	17.0*	7	8.5*

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Salmonellosis

Salmonellosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2014	2015	2016	2017	2018	2019	2020	2021	2022
TOTAL	5,352	5,601	4,769	5,423	6,305	5,775	4,011	4,646	5,623
JANUARY	271	307	299	291	337	305	336	189	231
FEBRUARY	278	311	250	281	267	269	295	160	259
MARCH	354	386	295	319	337	304	246	231	253
APRIL	400	348	321	416	418	440	175	330	378
MAY	511	424	340	417	405	426	282	415	487
JUNE	506	475	474	515	592	584	457	566	502
JULY	611	580	606	645	712	743	484	603	661
AUGUST	649	809	577	737	857	679	500	595	788
SEPTEMBER	541	723	462	578	858	678	393	497	793
OCTOBER	559	512	459	482	671	509	377	406	590
NOVEMBER	364	427	412	445	531	478	288	370	385
DECEMBER	308	299	274	297	320	360	178	284	296

For inclusion/exclusion criteria, please refer to the Technical Notes.

Salmonellosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	5,352	13.8	5,601	14.4	4,769	12.2	5,423	13.8	6,305	16.0	5,775	14.6	4,011	10.1	4,646	11.8	5,623	14.4
FEMALE	2,699	13.9	2,951	15.1	2,500	12.7	2,900	14.7	3,387	17.1	3,031	15.3	2,139	10.8	2,407	12.2	2,935	15.0
MALE	2,567	13.4	2,640	13.6	2,266	11.6	2,515	12.9	2,910	14.8	2,730	13.9	1,860	9.5	2,223	11.4	2,666	13.7
UNKNOWN	86	-	10	-	3	-	8	-	8	-	14	-	12	-	16	-	22	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Salmonellosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	5,352	13.8	5,601	14.4	4,769	12.2	5,423	13.8	6,305	16.0	5,775	14.6	4,011	10.1	4,646	11.8	5,623	14.4
0	331	66.5	309	61.9	287	58.8	283	58.7	375	81.4	316	70.4	243	54.2	293	68.5	349	77.9
1-4	724	36.4	624	31.3	545	27.5	591	30.0	693	35.5	634	33.2	486	25.4	543	29.2	613	34.3
5-9	508	19.9	511	20.1	366	14.4	381	15.2	409	16.4	369	14.8	272	10.6	332	13.0	353	14.0
10-14	314	12.5	295	11.7	230	9.1	257	10.1	300	11.7	277	10.9	184	7.0	207	7.9	226	8.7
15-24	603	10.7	662	11.8	538	9.7	651	11.9	645	11.9	677	12.7	449	7.9	414	7.4	519	9.5
25-34	628	11.6	735	13.7	602	11.2	638	11.8	831	15.5	738	13.8	470	8.8	560	10.5	653	12.2
35-44	470	9.1	509	9.9	465	9.0	581	11.2	660	12.8	619	11.9	387	7.8	478	9.8	592	12.3
45-54	506	9.6	607	11.5	467	8.9	566	10.8	657	12.8	582	11.5	391	8.1	460	9.7	557	11.9
55-64	486	10.6	563	12.0	531	11.1	634	13.0	704	14.2	664	13.3	441	9.1	522	11.0	665	14.2
65+	766	15.2	776	14.8	731	13.4	833	14.7	1,020	17.1	887	14.3	673	10.6	819	12.6	1,081	16.2
UNKNOWN	16	-	10	-	7	-	8	-	11	-	12	-	15	-	18	-	15	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

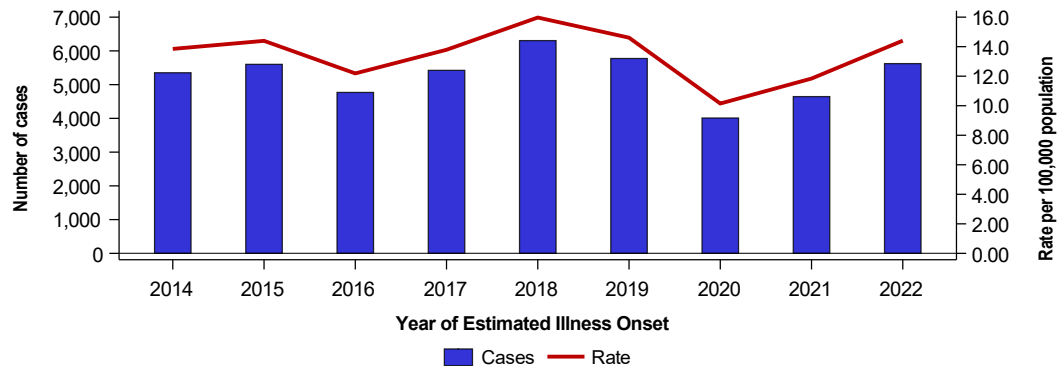
*Potentially unreliable rate: relative standard error 23 percent or more.

Salmonellosis, Cases by Race/Ethnicity, California, 2014-2022

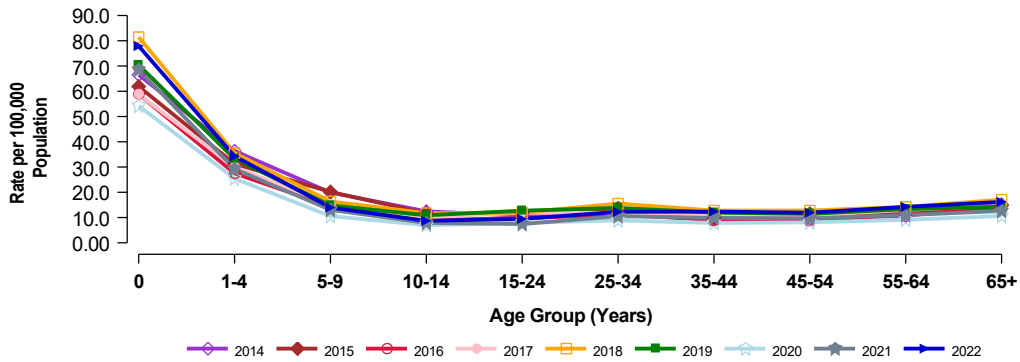
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET								
	2014	2015	2016	2017	2018	2019	2020	2021	2022
TOTAL	5,352	5,601	4,769	5,423	6,305	5,775	4,011	4,646	5,623
WHITE, NON-HISPANIC	1,805	2,063	1,803	1,991	2,109	1,822	1,300	1,466	1,791
HISPANIC/LATINO	1,788	1,951	1,661	1,723	2,154	2,059	1,358	1,680	1,835
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	628	525	481	596	618	627	394	482	562
BLACK, NON-HISPANIC	169	203	152	167	211	171	118	158	214
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	11	17	12	12	15	14	14	9	16
MULTIPLE RACE, NON-HISPANIC	45	46	38	48	41	52	41	30	33
OTHER, NON-HISPANIC	53	89	125	244	249	289	232	292	425
UNKNOWN	853	707	497	642	908	741	554	529	747

For inclusion/exclusion criteria, please refer to the Technical Notes.

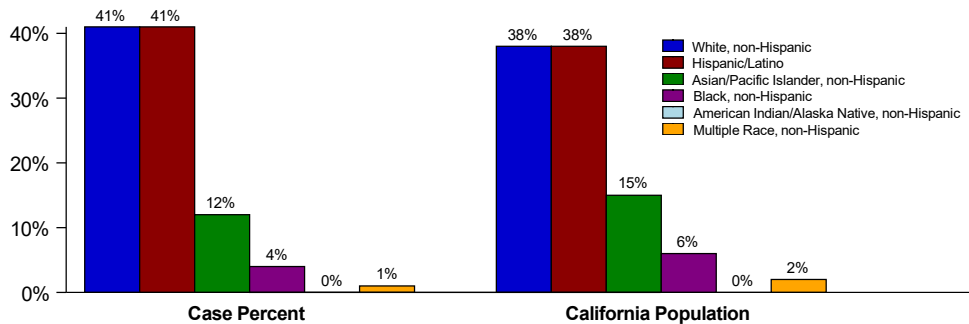
Salmonellosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



Salmonellosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2014-2022



Salmonellosis Cases and Population by Race/Ethnicity, California, 2014-2022



13% (n=6178) of reported incidents of Salmonellosis did not identify race/ethnicity and 4.2% (n=1998) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Scombroid Fish Poisoning

Scombroid Fish Poisoning, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	24	0.1	21	0.1	16	0.0*	19	0.0	39	0.1	33	0.1	26	0.1	27	0.1	34	0.1
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	2	4.4*	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	2	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	3	0.0*	5	0.0*	6	0.1*	6	0.1*	13	0.1*	9	0.1*	5	0.0*	6	0.1*	5	0.1*
LOS ANGELES	3	0.0*	5	0.1*	6	0.1*	6	0.1*	12	0.1*	7	0.1*	4	0.0*	6	0.1*	4	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	2	0.4*	1	0.2*	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	1	0.4*	0	-	0	-	3	1.1*	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	6	0.2*	3	0.1*	1	0.0*	4	0.1*	3	0.1*	5	0.2*	8	0.3*	2	0.1*	15	0.5*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
SACRAMENTO	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	1	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
SAN DIEGO	9	0.3*	2	0.1*	1	0.0*	6	0.2*	5	0.2*	8	0.2*	6	0.2*	11	0.3*	8	0.2*
SAN FRANCISCO	0	-	0	-	0	-	2	0.2*	0	-	2	0.2*	2	0.2*	2	0.2*	0	-
SAN JOAQUIN	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	0	-
SAN LUIS OBISPO	0	-	3	1.1*	0	-	0	-	6	2.1*	1	0.4*	1	0.4*	2	0.7*	1	0.4*
SAN MATEO	0	-	0	-	0	-	0	-	3	0.4*	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*
SANTA CLARA	1	0.1*	3	0.2*	5	0.3*	0	-	4	0.2*	1	0.1*	0	-	0	-	0	-
SANTA CRUZ	0	-	1	0.4*	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.9*
VENTURA	2	0.2*	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	1	0.1*
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Scombroid Fish Poisoning

Scombroid Fish Poisoning, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	24	21	16	19	39	33	26	27	34	
JANUARY	1	1	3	1	3	4	1	3	3	
FEBRUARY	1	1	0	0	2	2	2	1	1	
MARCH	3	0	3	1	3	0	1	2	3	
APRIL	3	3	1	2	2	4	0	0	2	
MAY	5	4	0	3	5	3	3	1	1	
JUNE	2	3	1	2	6	1	5	5	3	
JULY	1	5	0	3	6	3	1	7	3	
AUGUST	3	1	1	1	1	4	1	1	6	
SEPTEMBER	1	0	2	1	1	2	5	2	6	
OCTOBER	1	3	1	0	0	6	3	3	1	
NOVEMBER	0	0	2	3	2	0	3	0	4	
DECEMBER	3	0	2	2	8	4	1	2	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Scombroid Fish Poisoning, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	24	0.1	21	0.1	16	0.0*	19	0.0	39	0.1	33	0.1	26	0.1	27	0.1	34	0.1
FEMALE	13	0.1*	11	0.1*	4	0.0*	7	0.0*	23	0.1	18	0.1*	12	0.1*	10	0.1*	22	0.1
MALE	11	0.1*	9	0.0*	10	0.1*	12	0.1*	16	0.1*	15	0.1*	13	0.1*	16	0.1*	12	0.1*
UNKNOWN	0	-	1	-	2	-	0	-	0	-	0	-	1	-	1	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Scombroid Fish Poisoning, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	24	0.1	21	0.1	16	0.0*	19	0.0	39	0.1	33	0.1	26	0.1	27	0.1	34	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
10-14	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-
15-24	5	0.1*	3	0.1*	4	0.1*	2	0.0*	3	0.1*	5	0.1*	6	0.1*	4	0.1*	12	0.2*
25-34	4	0.1*	3	0.1*	2	0.0*	6	0.1*	6	0.1*	7	0.1*	5	0.1*	8	0.2*	7	0.1*
35-44	3	0.1*	1	0.0*	3	0.1*	6	0.1*	9	0.2*	10	0.2*	8	0.2*	3	0.1*	3	0.1*
45-54	7	0.1*	5	0.1*	3	0.1*	2	0.0*	6	0.1*	6	0.1*	4	0.1*	4	0.1*	1	0.0*
55-64	1	0.0*	7	0.1*	0	-	2	0.0*	6	0.1*	3	0.1*	0	-	3	0.1*	7	0.1*
65+	2	0.0*	1	0.0*	3	0.1*	1	0.0*	7	0.1*	2	0.0*	2	0.0*	3	0.0*	3	0.0*
UNKNOWN	1	-	0	-	0	-	0	-	2	-	0	-	0	-	0	-	1	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

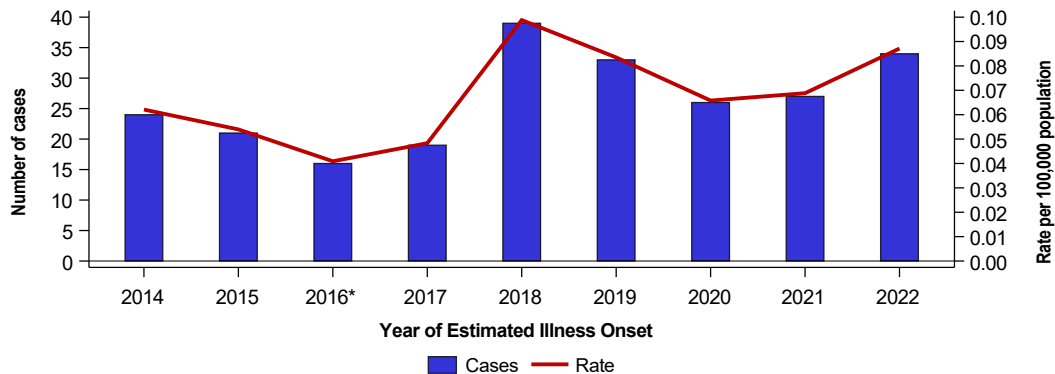
*Potentially unreliable rate: relative standard error 23 percent or more.

Scombroid Fish Poisoning, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	24	21	16	19	39	33	26	27	34		
WHITE, NON-HISPANIC	15	9	10	9	16	11	13	13	18		
HISPANIC/LATINO	2	2	1	1	3	4	2	4	5		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	3	2	3	1	2	5	1	3	2		
BLACK, NON-HISPANIC	0	0	1	1	0	0	0	0	1		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	1	0	0		
OTHER, NON-HISPANIC	0	0	0	1	0	1	1	2	1		
UNKNOWN	4	8	1	6	18	12	8	5	7		

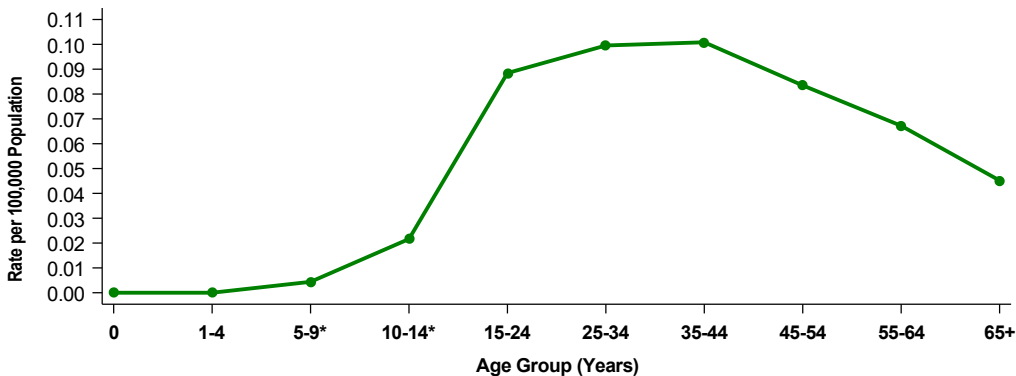
For inclusion/exclusion criteria, please refer to the Technical Notes.

Scombroid Fish Poisoning Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



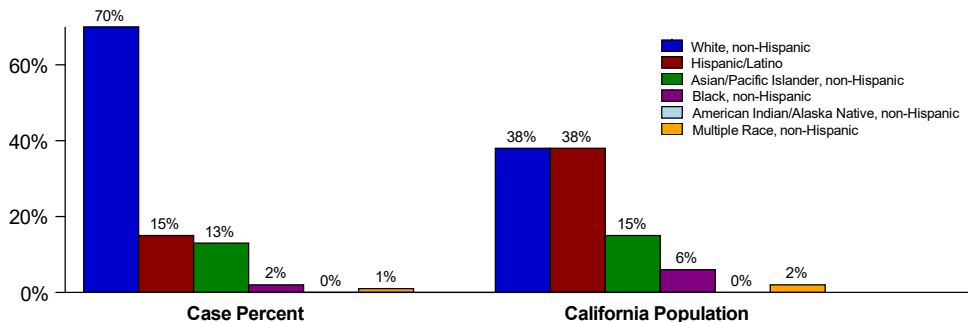
*Potentially unreliable rate: relative standard error 23 percent or more.

Scombroid Fish Poisoning Average Incidence Rates by Age Group, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Scombroid Fish Poisoning Cases and Population by Race/Ethnicity, California, 2014-2022



28.9% (n=69) of reported incidents of Scombroid Fish Poisoning did not identify race/ethnicity and 2.5% (n=6) of reported incidents identified as "Other" race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS)

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS), Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	661	1.7	914	2.3	866	2.2	1,260	3.2	2,242	5.7	2,644	6.7	1,241	3.1	1,993	5.1	2,374	6.1
ALAMEDA COUNTY TOTAL	48	3.0	72	4.4	82	5.0	103	6.2	130	7.8	161	9.6	73	4.4	100	6.0	126	7.7
ALAMEDA	45	3.1	67	4.5	78	5.2	99	6.5	123	8.0	154	10.0	68	4.4	96	6.2	113	7.4
BERKELEY	3	2.5*	5	4.2*	4	3.3*	4	3.3*	7	5.7*	7	5.7*	5	3.9*	4	3.3*	13	10.6*
ALPINE	0	-	0	-	0	-	1	82.6*	0	-	0	-	0	-	0	-	0	-
AMADOR	2	5.4*	1	2.7*	3	7.9*	1	2.6*	1	2.5*	3	7.4*	1	2.5*	4	9.9*	0	-
BUTTE	4	1.8*	8	3.5*	4	1.7*	7	3.0*	10	4.3*	4	1.8*	5	2.4*	3	1.5*	3	1.4*
CALAVERAS	0	-	1	2.2*	2	4.4*	0	-	4	8.8*	2	4.4*	0	-	1	2.2*	0	-
COLUSA	0	-	1	4.7*	0	-	0	-	1	4.6*	0	-	0	-	1	4.6*	2	9.1*
CONTRA COSTA	31	2.8	55	4.9	56	4.9	60	5.2	90	7.8	115	9.9	50	4.3	58	5.0	101	8.8
DEL NORTE	0	-	0	-	0	-	0	-	0	-	1	3.6*	0	-	0	-	1	3.8*
EL DORADO	4	2.2*	5	2.7*	5	2.7*	8	4.3*	7	3.7*	10	5.3*	7	3.7*	9	4.7*	4	2.1*
FRESNO	21	2.2	18	1.9*	26	2.7	34	3.5	46	4.6	54	5.4	34	3.4	61	6.0	48	4.7
GLENN	1	3.6*	3	10.7*	2	7.1*	1	3.6*	2	7.1*	3	10.5*	1	3.5*	1	3.5*	1	3.5*
HUMBOLDT	4	2.9*	9	6.6*	12	8.7*	5	3.6*	5	3.6*	4	2.9*	0	-	1	0.7*	10	7.4*
IMPERIAL	1	0.6*	2	1.1*	0	-	0	-	6	3.3*	22	12.2	8	4.4*	37	20.6	88	49.1
INYO	1	5.3*	0	-	0	-	0	-	0	-	0	-	1	5.3*	1	5.3*	2	10.6*
KERN	12	1.4*	15	1.7*	11	1.2*	13	1.5*	42	4.7	42	4.7	30	3.3	40	4.4	33	3.6
KINGS	6	4.0*	2	1.3*	2	1.4*	4	2.7*	4	2.6*	7	4.6*	4	2.6*	9	5.9*	10	6.6*
LAKE	0	-	0	-	1	1.5*	2	2.9*	1	1.5*	5	7.3*	3	4.4*	6	8.9*	0	-
LASSEN	0	-	1	3.2*	1	3.1*	1	3.1*	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	87	0.9	96	1.0	113	1.1	131	1.3	592	5.9	673	6.7	241	2.4	509	5.1	532	5.4
LOS ANGELES	81	0.9	94	1.0	108	1.1	123	1.3	557	5.8	634	6.6	223	2.4	472	5.1	504	5.5
LONG BEACH	4	0.8*	2	0.4*	3	0.6*	8	1.7*	30	6.3	28	5.9	15	3.2*	33	7.2	23	5.0
PASADENA	2	1.4*	0	-	2	1.4*	0	-	5	3.5*	11	7.6*	3	2.1*	4	2.9*	5	3.6*
MADERA	3	2.0*	3	2.0*	2	1.3*	3	1.9*	4	2.6*	6	3.9*	7	4.5*	10	6.4*	6	3.8*
MARIN	14	5.3*	20	7.6	17	6.4*	24	9.1	33	12.5	46	17.4	12	4.6*	27	10.4	22	8.6
MARIPOSA	1	5.6*	1	5.6*	0	-	1	5.7*	0	-	1	5.8*	0	-	2	11.8*	0	-
MENDOCINO	1	1.1*	1	1.1*	3	3.3*	3	3.3*	11	12.0*	17	18.5*	5	5.5*	8	8.8*	8	8.9*
MERCED	0	-	2	0.7*	2	0.7*	3	1.1*	13	4.7*	11	4.0*	15	5.3*	8	2.8*	15	5.3*
MODOC	4	44.6*	0	-	1	11.4*	0	-	0	-	1	11.5*	2	23.0*	0	-	2	23.1*
MONO	0	-	0	-	2	14.9*	0	-	0	-	0	-	0	-	1	7.5*	0	-
MONTEREY	27	6.3	21	4.8	18	4.1*	21	4.8	21	4.8	23	5.2	13	3.0*	18	4.1*	20	4.6
NAPA	1	0.7*	5	3.5*	4	2.8*	7	5.0*	15	10.7*	15	10.8*	6	4.3*	11	8.0*	18	13.3*
NEVADA	0	-	4	4.0*	4	4.0*	10	9.9*	2	2.0*	10	9.8*	4	3.9*	7	6.8*	7	6.9*
ORANGE	28	0.9	50	1.6	42	1.3	39	1.2	105	3.3	138	4.3	79	2.5	129	4.1	126	4.0
PLACER	10	2.7*	17	4.5*	28	7.3	39	10.0	27	6.8	38	9.5	18	4.4*	16	3.9*	28	6.8
PLUMAS	1	5.1*	0	-	0	-	1	5.1*	1	5.1*	0	-	0	-	3	15.2*	2	10.4*
RIVERSIDE	10	0.4*	17	0.7*	12	0.5*	16	0.7*	97	4.1	107	4.5	53	2.2	92	3.8	78	3.2
SACRAMENTO	41	2.8	60	4.0	45	3.0	57	3.7	90	5.8	114	7.3	62	3.9	63	4.0	68	4.3
SAN BENITO	1	1.7*	2	3.4*	1	1.7*	4	6.6*	9	14.6*	15	23.7*	7	10.9*	4	6.1*	8	12.2*
SAN BERNARDINO	17	0.8*	21	1.0	5	0.2*	4	0.2*	44	2.0	54	2.5	34	1.6	59	2.7	59	2.7
SAN DIEGO	34	1.1	43	1.3	49	1.5	280	8.5	164	5.0	178	5.4	87	2.6	161	4.9	203	6.2
SAN FRANCISCO	22	2.6	30	3.5	30	3.5	52	6.0	59	6.8	78	8.9	40	4.6	54	6.4	84	10.1
SAN JOAQUIN	21	2.9	35	4.8	29	3.9	28	3.7	38	5.0	52	6.7	46	5.9	43	5.5	38	4.8
SAN LUIS OBISPO	11	3.9*	11	3.9*	13	4.6*	16	5.7*	14	4.9*	17	6.0*	18	6.4*	17	6.1*	21	7.5
SAN MATEO	28	3.7	28	3.7	26	3.4	39	5.1	53	6.9	85	11.1	29	3.8	44	5.9	81	10.9
SANTA BARBARA	14	3.2*	14	3.2*	7	1.6*	16	3.6*	34	7.6	37	8.2	20	4.5	50	11.4	59	13.3
SANTA CLARA	53	2.8	103	5.4	89	4.6	95	4.9	195	10.1	217	11.2	71	3.7	103	5.4	161	8.6
SANTA CRUZ	12	4.4*	7	2.5*	5	1.8*	5	1.8*	21	7.7	22	8.1	6	2.2*	9	3.4*	16	6.0*
SHASTA	7	3.9*	4	2.2*	8	4.4*	2	1.1*	12	6.6*	3	1.7*	7	3.8*	11	6.0*	7	3.9*
SIERRA	1	31.1*	0	-	0	-	0	-	0	-	0	-	0	-	1	31.1*	0	-
SISKIYOU	0	-	1	2.2*	1	2.2*	1	2.3*	6	13.5*	1	2.3*	1	2.3*	2	4.6*	5	11.5*
SOLANO	4	0.9*	31	7.1	15	3.4*	19	4.3	38	8.5	30	6.6	25	5.5	18	4.0*	36	8.1
SONOMA	24	4.8	27	5.4	25	5.0	35	7.0	50	10.1	76	15.4	32	6.6	38	7.9	48	10.0
STANISLAUS	18	3.4*	26	4.9	28	5.2	17	3.1*	29	5.3	40	7.3	17	3.1*	21	3.8	36	6.6
SUTTER	1	1.1*	4	4.2*	0	-	2	2.0*	1	1.0*	2	2.0*	2	2.0*	4	4.0*	1	1.0*
TEHAMA	1	1.6*	2	3.1*	0	-	1	1.6*	3	4.6*	3	4.6*	4	6.1*	9	13.8*	6	9.3*
TRINITY	0	-	0	-	0	-	0	-	1	6.3*	0	-	0	-	0	-	3	18.8*
TULARE	10	2.2*	10	2.2*	16	3.5*	18	3.9*	32	6.8	27	5.7	17	3.6*	27	5.7	41	8.6
TUOLUMNE	3	5.4*	4	7.3*	1	1.8*	3	5.5*	0	-	4	7.2*	0	-	4	7.3*	1	1.9*
VENTURA	6	0.7*	10	1.2*	5	0.6*	13	1.5*	61	7.2	54	6.4	34	4.0	65	7.8	81	9.8
YOLO	7	3.4*	9	4.3*	10	4.7*	12	5.6*	12	5.5*	11	5.1*	7	3.2*	10	4.6*	16	7.2*
YUBA	3	4.0*	2	2.6*	3	3.9*	3	3.8*	6	7.6*	5	6.2*	3	3.7*	3	3.6*	2	2.4*

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS)

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS), Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	661	914	866	1,260	2,242	2,644	1,241	1,993	2,374	
JANUARY	27	55	45	56	112	170	160	71	103	
FEBRUARY	20	42	39	49	84	106	127	84	119	
MARCH	37	56	66	49	120	169	91	89	157	
APRIL	44	68	62	102	212	201	41	156	196	
MAY	49	88	64	72	187	207	79	207	206	
JUNE	53	64	64	103	220	291	114	255	274	
JULY	99	109	121	125	312	367	103	292	292	
AUGUST	68	113	90	146	317	347	150	219	320	
SEPTEMBER	63	98	77	133	162	287	115	176	225	
OCTOBER	79	119	94	282	196	181	140	148	221	
NOVEMBER	70	67	97	90	183	187	73	172	139	
DECEMBER	52	35	47	53	137	131	48	124	122	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS), Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	661	1.7	914	2.3	866	2.2	1,260	3.2	2,242	5.7	2,644	6.7	1,241	3.1	1,993	5.1	2,374	6.1
FEMALE	329	1.7	464	2.4	458	2.3	536	2.7	1,236	6.2	1,439	7.2	650	3.3	1,026	5.2	1,289	6.6
MALE	332	1.7	450	2.3	406	2.1	723	3.7	1,004	5.1	1,203	6.1	584	3.0	963	4.9	1,085	5.6
UNKNOWN	0	-	0	-	2	-	1	-	2	-	2	-	7	-	4	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS), Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2014		2015		2016		2017		2018		2019		2020		2021		2022			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	661	1.7	914	2.3	866	2.2	1,260	3.2	2,242	5.7	2,644	6.7	1,241	3.1	1,993	5.1	2,374	6.1		
0	16	3.2*	25	5.0	31	6.4	35	7.3	59	12.8	72	16.0	30	6.7	37	8.7	52	11.6		
1-4	201	10.1	253	12.7	228	11.5	259	13.1	435	22.3	472	24.7	194	10.2	343	18.5	372	20.8		
5-9	82	3.2	107	4.2	94	3.7	101	4.0	148	5.9	175	7.0	73	2.8	135	5.3	131	5.2		
10-14	62	2.5	73	2.9	72	2.8	63	2.5	124	4.8	136	5.3	75	2.8	109	4.1	95	3.6		
15-24	85	1.5	140	2.5	117	2.1	365	6.7	285	5.3	312	5.9	157	2.8	252	4.5	296	5.4		
25-34	52	1.0	71	1.3	89	1.7	131	2.4	268	5.0	340	6.4	156	2.9	236	4.4	312	5.8		
35-44	28	0.5	56	1.1	55	1.1	54	1.0	185	3.6	255	4.9	100	2.0	183	3.8	226	4.7		
45-54	41	0.8	45	0.9	40	0.8	55	1.1	177	3.4	235	4.6	104	2.2	173	3.6	201	4.3		
55-64	35	0.8	48	1.0	56	1.2	87	1.8	220	4.4	269	5.4	141	2.9	209	4.4	263	5.6		
65+	55	1.1	86	1.6	78	1.4	107	1.9	338	5.7	374	6.0	209	3.3	312	4.8	426	6.4		
UNKNOWN	4	-	10	-	6	-	3	-	3	-	4	-	2	-	4	-	0	-		

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

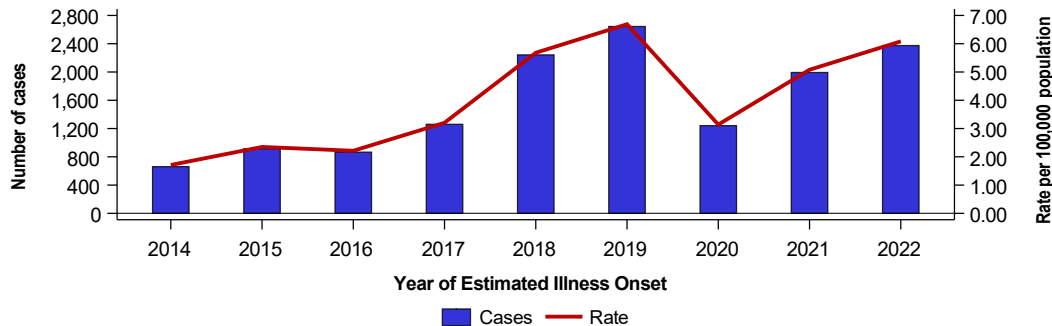
*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS), Cases by Race/Ethnicity, California, 2014-2022

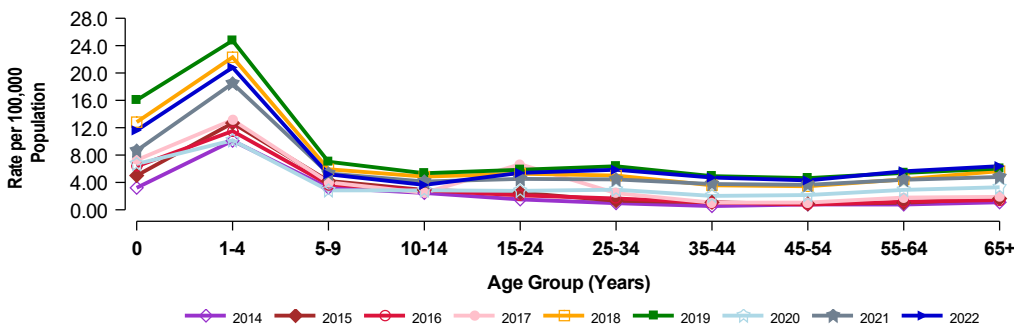
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	661	914	866	1,260	2,242	2,644	1,241	1,993	2,374	
WHITE, NON-HISPANIC	254	370	337	434	787	867	490	636	788	
HISPANIC/LATINO	205	290	264	266	796	986	368	779	944	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	36	46	57	67	149	193	80	122	144	
BLACK, NON-HISPANIC	20	35	31	31	85	72	40	66	66	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	1	3	2	4	8	5	2	5	7	
MULTIPLE RACE, NON-HISPANIC	13	9	10	13	16	26	11	16	19	
OTHER, NON-HISPANIC	6	12	38	61	109	167	62	157	128	
UNKNOWN	126	149	127	384	292	328	188	212	278	

For inclusion/exclusion criteria, please refer to the Technical Notes.

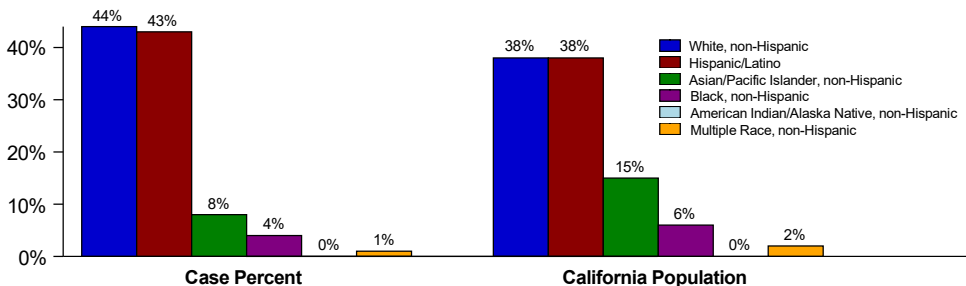
Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS) Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS) Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2014-2022



Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS) Cases and Population by Race/Ethnicity, California, 2014-2022



14.7% (n=2084) of reported incidents of Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS) did not identify race/ethnicity and 5.2% (n=740) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS)

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS), Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	36	0.1	36	0.1	45	0.1	52	0.1	67	0.2	70	0.2	36	0.1	52	0.1	53	0.1
ALAMEDA COUNTY TOTAL	4	0.2*	4	0.2*	3	0.2*	4	0.2*	2	0.1*	3	0.2*	4	0.2*	4	0.2*	1	0.1*
ALAMEDA	4	0.3*	4	0.3*	3	0.2*	3	0.2*	2	0.1*	3	0.2*	4	0.3*	4	0.3*	1	0.1*
BERKELEY	0	-	0	-	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	2	0.9*	1	0.4*	0	-	1	0.4*	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	1	2.2*	0	-	1	2.2*	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	2	0.2*	1	0.1*	1	0.1*	2	0.2*	4	0.3*	0	-	1	0.1*	3	0.3*	3	0.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-
FRESNO	2	0.2*	0	-	1	0.1*	3	0.3*	4	0.4*	2	0.2*	0	-	7	0.7*	4	0.4*
GLENN	0	-	0	-	1	3.6*	0	-	0	-	0	-	0	-	1	3.5*	0	-
HUMBOLDT	1	0.7*	2	1.5*	0	-	0	-	1	0.7*	1	0.7*	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	3	0.3*	1	0.1*	0	-	1	0.1*	0	-	3	0.3*	0	-	1	0.1*
KINGS	3	2.0*	0	-	0	-	0	-	1	0.7*	0	-	0	-	1	0.7*	2	1.3*
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	2	0.0*	2	0.0*	3	0.0*	0	-	12	0.1*	9	0.1*	2	0.0*	7	0.1*	8	0.1*
LOS ANGELES	2	0.0*	2	0.0*	2	0.0*	0	-	11	0.1*	8	0.1*	2	0.0*	7	0.1*	8	0.1*
LONG BEACH	0	-	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-
MADERA	0	-	0	-	1	0.7*	0	-	2	1.3*	0	-	0	-	0	-	1	0.6*
MARIN	1	0.4*	0	-	2	0.8*	0	-	1	0.4*	3	1.1*	0	-	2	0.8*	0	-
MARIPOSA	0	-	1	5.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	1	1.1*	0	-	0	-	0	-	1	1.1*
MERCED	0	-	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*	1	0.4*	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	3	0.7*	0	-	1	0.2*	0	-	3	0.7*	1	0.2*	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	2	1.4*	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	2	2.0*	4	3.9*	0	-	2	2.0*	0	-	1	1.0*	2	2.0*
ORANGE	0	-	0	-	3	0.1*	2	0.1*	2	0.1*	2	0.1*	3	0.1*	2	0.1*	4	0.1*
PLACER	0	-	3	0.8*	3	0.8*	0	-	4	1.0*	0	-	2	0.5*	2	0.5*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	2	0.1*	0	-	3	0.1*	1	0.0*	3	0.1*	1	0.0*	0	-	0	-
SACRAMENTO	3	0.2*	5	0.3*	2	0.1*	1	0.1*	1	0.1*	6	0.4*	1	0.1*	6	0.4*	5	0.3*
SAN BENITO	0	-	1	1.7*	0	-	0	-	1	1.6*	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	0	-	0	-	2	0.1*	2	0.1*	1	0.0*	0	-	0	-	0	-
SAN DIEGO	1	0.0*	1	0.0*	1	0.0*	18	0.5*	2	0.1*	2	0.1*	3	0.1*	0	-	2	0.1*
SAN FRANCISCO	0	-	2	0.2*	1	0.1*	1	0.1*	0	-	4	0.5*	0	-	1	0.1*	0	-
SAN JOAQUIN	2	0.3*	0	-	0	-	0	-	2	0.3*	3	0.4*	2	0.3*	0	-	3	0.4*
SAN LUIS OBISPO	2	0.7*	0	-	3	1.1*	0	-	0	-	1	0.4*	1	0.4*	2	0.7*	3	1.1*
SAN MATEO	1	0.1*	1	0.1*	2	0.3*	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	0	-
SANTA BARBARA	0	-	0	-	2	0.5*	0	-	1	0.2*	0	-	2	0.4*	0	-	1	0.2*
SANTA CLARA	0	-	4	0.2*	2	0.1*	4	0.2*	5	0.3*	6	0.3*	0	-	1	0.1*	2	0.1*
SANTA CRUZ	0	-	0	-	2	0.7*	0	-	1	0.4*	1	0.4*	0	-	0	-	0	-
SHASTA	1	0.6*	1	0.6*	0	-	2	1.1*	2	1.1*	3	1.7*	1	0.5*	2	1.1*	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	1	2.3*	0	-	0	-	2	4.5*	0	-	1	2.3*
SOLANO	0	-	0	-	3	0.7*	1	0.2*	2	0.4*	3	0.7*	1	0.2*	1	0.2*	2	0.4*
SONOMA	3	0.6*	0	-	1	0.2*	0	-	2	0.4*	4	0.8*	1	0.2*	2	0.4*	1	0.2*
STANISLAUS	0	-	0	-	0	-	1	0.2*	0	-	0	-	5	0.9*	2	0.4*	1	0.2*
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	1	1.5*	0	-	1	1.5*	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	2	0.4*	0	-	1	0.2*	0	-	0	-	4	0.8*	0	-	0	-	3	0.6*
TUOLUMNE	0	-	0	-	0	-	0	-	1	1.8*	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	1	0.1*	1	0.1*	0	-	1	0.1*	3	0.4*	0	-	1	0.1*	0	-
YOLO	1	0.5*	0	-	1	0.5*	0	-	0	-	0	-	0	-	1	0.5*	0	-
YUBA	0	-	0	-	0	-	0	-	1	1.3*	0	-	0	-	0	-	1	1.2*

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS)

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS), Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	36	36	45	52	67	70	36	52	53	
JANUARY	0	0	4	2	3	2	1	0	3	
FEBRUARY	2	2	0	1	1	0	0	0	3	
MARCH	3	1	0	1	2	1	1	1	1	
APRIL	2	4	2	2	9	2	1	5	5	
MAY	6	2	4	3	8	11	9	1	2	
JUNE	3	3	5	0	5	10	1	6	6	
JULY	2	5	6	10	8	7	5	8	6	
AUGUST	4	4	1	3	7	10	4	6	10	
SEPTEMBER	3	4	3	6	11	11	6	10	7	
OCTOBER	6	8	8	16	3	6	1	4	4	
NOVEMBER	2	1	10	5	7	5	5	4	4	
DECEMBER	3	2	2	3	3	5	2	7	2	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS), Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	36	0.1	36	0.1	45	0.1	52	0.1	67	0.2	70	0.2	36	0.1	52	0.1	53	0.1
FEMALE	27	0.1	23	0.1	28	0.1	18	0.1*	37	0.2	42	0.2	22	0.1	33	0.2	32	0.2
MALE	9	0.0*	13	0.1*	17	0.1*	34	0.2	30	0.2	28	0.1	14	0.1*	19	0.1	21	0.1

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS), Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	36	0.1	36	0.1	45	0.1	52	0.1	67	0.2	70	0.2	36	0.1	52	0.1	53	0.1
0	0	-	1	0.2*	0	-	0	-	1	0.2*	2	0.4*	1	0.2*	0	-	2	0.4*
1-4	23	1.2	17	0.9*	26	1.3	15	0.8*	26	1.3	33	1.7	18	0.9*	23	1.2	30	1.7
5-9	5	0.2*	7	0.3*	10	0.4*	10	0.4*	8	0.3*	14	0.6*	9	0.3*	14	0.5*	11	0.4*
10-14	2	0.1*	4	0.2*	1	0.0*	3	0.1*	9	0.4*	5	0.2*	2	0.1*	5	0.2*	1	0.0*
15-24	1	0.0*	0	-	0	-	16	0.3*	2	0.0*	4	0.1*	0	-	2	0.0*	1	0.0*
25-34	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	3	0.1*	2	0.0*	1	0.0*	0	-
35-44	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*
45-54	1	0.0*	3	0.1*	1	0.0*	0	-	2	0.0*	3	0.1*	0	-	0	-	3	0.1*
55-64	3	0.1*	3	0.1*	0	-	2	0.0*	3	0.1*	2	0.0*	2	0.0*	2	0.0*	1	0.0*
65+	1	0.0*	1	0.0*	6	0.1*	4	0.1*	14	0.2*	2	0.0*	2	0.0*	4	0.1*	3	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	0	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

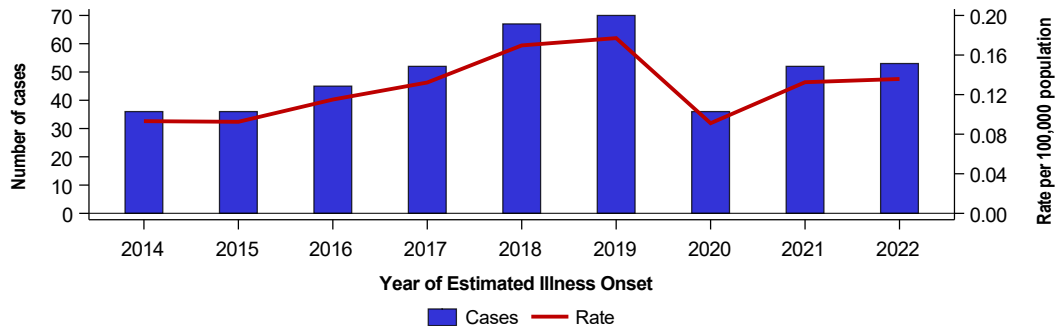
*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS), Cases by Race/Ethnicity, California, 2014-2022

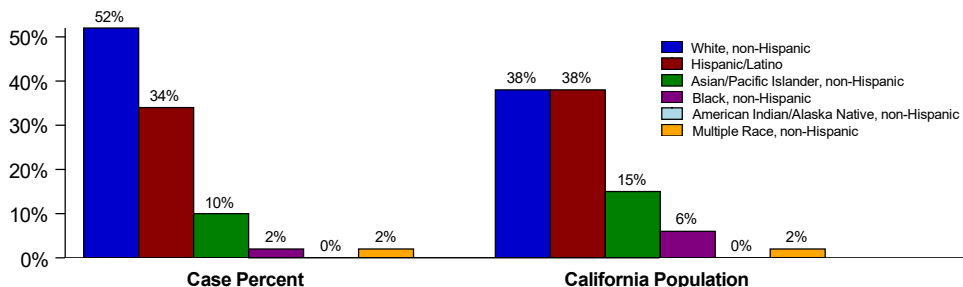
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	36	36	45	52	67	70	36	52	53	
WHITE, NON-HISPANIC	12	18	23	27	28	21	16	26	21	
HISPANIC/LATINO	11	10	11	5	19	24	12	15	19	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	5	2	1	4	5	8	3	3	5	
BLACK, NON-HISPANIC	2	1	1	0	1	0	0	0	1	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	1	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	2	1	1	0	2	1	0	1	
OTHER, NON-HISPANIC	0	0	4	4	7	7	2	5	3	
UNKNOWN	6	3	4	11	6	8	2	3	3	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS) Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS) Cases and Population by Race/Ethnicity, California, 2014-2022



10.3% (n=46) of reported incidents of Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS) did not identify race/ethnicity and 7.2% (n=32) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC)

**Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC),
Cases and Rates by Health Jurisdiction, California, 2014-2022**

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2014		2015		2016		2017		2018		2019		2020		2021		2022			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	3	0.0*	4	0.0*	11	0.0*	9	0.0*	5	0.0*	5	0.0*	11	0.0*	3	0.0*	2	0.0*		
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
BUTTE	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-		
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
CONTRA COSTA	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-		
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-		
FRESNO	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	1	0.1*		
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
KERN	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-		
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
LOS ANGELES COUNTY TOTAL	1	0.0*	0	-	0	-	2	0.0*	0	-	0	-	3	0.0*	0	-	1	0.0*		
LOS ANGELES	1	0.0*	0	-	0	-	2	0.0*	0	-	0	-	3	0.0*	0	-	1	0.0*		
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MARIN	0	-	0	-	2	0.8*	0	-	0	-	0	-	0	-	0	-	0	-		
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-		
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	3	0.1*	0	-		
PLACER	0	-	0	-	4	1.0*	0	-	0	-	0	-	1	0.2*	0	-	0	-		
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SACRAMENTO	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-		
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN DIEGO	0	-	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-		
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN JOAQUIN	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-		
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN MATEO	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-		
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SHASTA	0	-	0	-	0	-	2	1.1*	0	-	0	-	0	-	0	-	0	-		
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SOLANO	0	-	0	-	0	-	1	0.2*	1	0.2*	1	0.2*	0	-	0	-	0	-		
SONOMA	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-		
STANISLAUS	0	-	0	-	0	-	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-		
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
TEHAMA	0	-	0	-	0	-	0	-	0	-	1	1.5*	1	1.5*	0	-	0	-		
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
TULARE	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-		
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
VENTURA	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-		
YOLO	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-		
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC)

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC), Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	3	4	11	9	5	5	11	3	2		
JANUARY	0	0	2	2	0	0	1	0	0		
FEBRUARY	0	0	0	1	0	0	0	0	0		
MARCH	0	0	0	0	0	1	1	1	0		
APRIL	0	0	0	0	1	0	0	1	1		
MAY	0	0	1	1	1	0	1	0	1		
JUNE	1	1	1	1	1	0	1	0	0		
JULY	0	0	0	0	0	1	1	0	0		
AUGUST	0	0	1	1	0	0	3	1	0		
SEPTEMBER	0	0	1	0	0	1	0	0	0		
OCTOBER	1	2	3	0	1	0	3	0	0		
NOVEMBER	1	1	2	2	0	2	0	0	0		
DECEMBER	0	0	0	1	1	0	0	0	0		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC), Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	4	0.0*	11	0.0*	9	0.0*	5	0.0*	5	0.0*	11	0.0*	3	0.0*	2	0.0*
FEMALE	3	0.0*	2	0.0*	6	0.0*	6	0.0*	5	0.0*	3	0.0*	8	0.0*	3	0.0*	1	0.0*
MALE	0	-	2	0.0*	5	0.0*	3	0.0*	0	-	2	0.0*	3	0.0*	0	-	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC), Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	4	0.0*	11	0.0*	9	0.0*	5	0.0*	5	0.0*	11	0.0*	3	0.0*	2	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
1-4	1	0.1*	3	0.2*	2	0.1*	4	0.2*	2	0.1*	2	0.1*	3	0.2*	1	0.1*	1	0.1*
5-9	2	0.1*	0	-	3	0.1*	0	-	0	-	2	0.1*	1	0.0*	0	-	0	-
10-14	0	-	0	-	3	0.1*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	0	-
15-24	0	-	0	-	0	-	0	-	1	0.0*	0	-	3	0.1*	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
35-44	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	1	0.0*	0	-	3	0.1*	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	3	0.1*	1	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

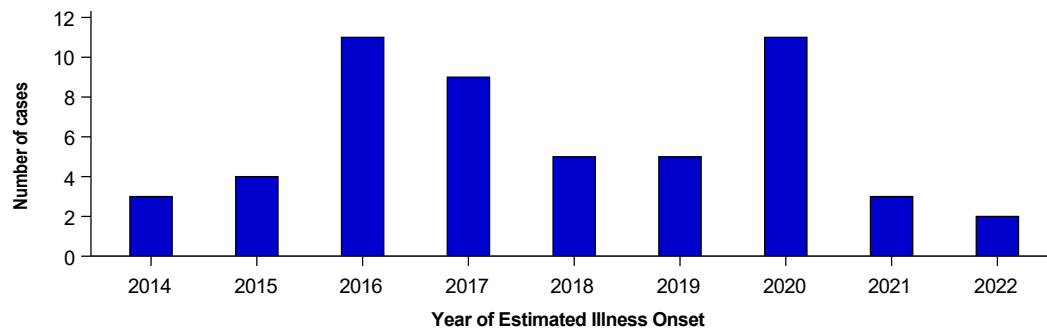
*Potentially unreliable rate: relative standard error 23 percent or more.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC), Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	3	4	11	9	5	5	11	3	2		
WHITE, NON-HISPANIC	1	1	7	4	2	2	5	2	0		
HISPANIC/LATINO	1	2	0	3	1	0	2	1	1		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	1	2	0	1		
BLACK, NON-HISPANIC	0	0	0	1	0	0	0	0	0		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
OTHER, NON-HISPANIC	0	0	0	0	0	0	1	0	0		
UNKNOWN	1	1	4	1	2	2	1	0	0		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC) Cases by Year of Estimated Illness Onset, California, 2014-2022



Shigellosis

Shigellosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1,644	4.3	2,198	5.6	2,076	5.3	2,655	6.8	3,441	8.7	3,460	8.8	1,800	4.6	2,595	6.6	3,770	9.7
ALAMEDA COUNTY TOTAL	81	5.0	135	8.3	58	3.5	144	8.7	183	11.0	142	8.5	75	4.5	106	6.4	154	9.4
ALAMEDA	74	5.0	128	8.6	51	3.4	131	8.6	175	11.4	135	8.8	72	4.6	99	6.4	137	9.0
BERKELEY	7	5.9*	7	5.9*	7	5.8*	13	10.7*	8	6.6*	7	5.7*	3	2.4*	7	5.8*	17	13.8*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	8	19.9*	0	-	1	2.5*	1	2.5*
BUTTE	0	-	3	1.3*	5	2.2*	4	1.7*	0	-	0	-	0	-	2	1.0*	4	1.9*
CALAVERAS	1	2.2*	0	-	0	-	2	4.4*	0	-	1	2.2*	1	2.2*	1	2.2*	0	-
COLUSA	0	-	0	-	0	-	1	4.6*	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	31	2.8	30	2.7	33	2.9	70	6.1	104	9.0	81	7.0	38	3.3	59	5.1	86	7.5
DEL NORTE	0	-	1	3.7*	0	-	1	3.7*	1	3.6*	0	-	0	-	0	-	0	-
EL DORADO	1	0.5*	5	2.7*	0	-	8	4.3*	3	1.6*	2	1.1*	3	1.6*	4	2.1*	4	2.1*
FRESNO	39	4.0	86	8.9	110	11.3	72	7.3	76	7.6	66	6.6	50	5.0	62	6.1	54	5.3
GLENN	2	7.1*	0	-	1	3.6*	1	3.6*	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	1	0.7*	2	1.5*	1	0.7*	5	3.6*	3	2.2*	1	0.7*	0	-	33	24.6
IMPERIAL	28	15.6	29	16.1	19	10.5	41	22.7	22	12.2	44	24.3	17	9.4*	47	26.2	34	19.0
INYO	2	10.6*	0	-	0	-	0	-	1	5.3*	0	-	0	-	0	-	0	-
KERN	12	1.4*	23	2.6	65	7.4	56	6.3	53	5.9	43	4.8	38	4.2	41	4.5	92	10.1
KINGS	0	-	1	0.7*	2	1.4*	0	-	2	1.3*	7	4.6*	3	2.0*	3	2.0*	3	2.0*
LAKE	0	-	1	1.5*	2	3.0*	4	5.9*	0	-	2	2.9*	1	1.5*	1	1.5*	1	1.5*
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	3.4*
LOS ANGELES COUNTY TOTAL	384	3.8	534	5.3	630	6.2	771	7.6	1,053	10.4	1,127	11.2	630	6.3	723	7.3	1,124	11.5
LOS ANGELES	352	3.7	505	5.3	582	6.1	727	7.6	972	10.2	1,040	10.9	586	6.2	668	7.2	1,039	11.2
LONG BEACH	26	5.5	25	5.3	42	8.9	36	7.6	72	15.2	79	16.7	43	9.3	47	10.2	72	15.6
PASADENA	6	4.2*	4	2.8*	6	4.2*	8	5.6*	9	6.2*	8	5.5*	1	0.7*	8	5.8*	13	9.4*
MADERA	5	3.3*	9	5.9*	7	4.6*	5	3.2*	12	7.7*	5	3.2*	0	-	2	1.3*	9	5.7*
MARIN	10	3.8*	23	8.7	26	9.8	31	11.7	27	10.2	30	11.4	13	5.0*	17	6.6*	32	12.6
MARIPOSA	0	-	0	-	0	-	0	-	0	-	1	5.8*	0	-	0	-	0	-
MENDOCINO	1	1.1*	4	4.4*	1	1.1*	1	1.1*	5	5.5*	3	3.3*	3	3.3*	5	5.5*	3	3.4*
MERCED	0	-	7	2.6*	7	2.6*	11	4.0*	8	2.9*	7	2.5*	7	2.5*	7	2.5*	3	1.1*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	11.7*	0	-
MONO	0	-	0	-	1	7.5*	0	-	0	-	0	-	1	7.5*	0	-	0	-
MONTEREY	25	5.8	15	3.5*	28	6.4	13	3.0*	30	6.8	31	7.0	12	2.7*	22	5.0	28	6.4
NAPA	7	5.0*	11	7.8*	6	4.3*	12	8.6*	12	8.6*	12	8.6*	9	6.5*	7	5.1*	11	8.1*
NEVADA	0	-	4	4.0*	2	2.0*	2	2.0*	1	1.0*	2	2.0*	0	-	2	2.0*	0	-
ORANGE	84	2.7	66	2.1	74	2.3	92	2.9	183	5.7	181	5.7	76	2.4	139	4.4	226	7.2
PLACER	5	1.3*	15	4.0*	16	4.2*	17	4.4*	11	2.8*	13	3.2*	5	1.2*	8	2.0*	15	3.7*
PLUMAS	0	-	0	-	0	-	1	5.1*	1	5.1*	0	-	0	-	0	-	0	-
RIVERSIDE	83	3.6	71	3.1	79	3.4	116	4.9	148	6.2	156	6.5	96	4.0	171	7.0	210	8.6
SACRAMENTO	17	1.1*	75	5.0	34	2.2	91	5.9	78	5.0	105	6.7	51	3.2	61	3.9	87	5.5
SAN BENITO	2	3.4*	2	3.4*	0	-	4	6.6*	1	1.6*	7	11.1*	1	1.6*	3	4.6*	3	4.6*
SAN BERNARDINO	24	1.1	48	2.3	45	2.1	72	3.4	102	4.7	80	3.7	50	2.3	89	4.1	86	3.9
SAN DIEGO	242	7.5	184	5.7	242	7.4	334	10.2	393	11.9	430	13.1	239	7.2	434	13.2	528	16.1
SAN FRANCISCO	287	33.8	219	25.6	101	11.7	183	21.1	283	32.4	262	30.0	120	13.8	225	26.8	358	42.9
SAN JOAQUIN	30	4.2	189	25.9	74	10.0	39	5.2	39	5.1	55	7.1	18	2.3*	25	3.2	57	7.3
SAN LUIS OBISPO	7	2.5*	9	3.2*	2	0.7*	8	2.8*	13	4.6*	7	2.5*	4	1.4*	8	2.9*	7	2.5*
SAN MATEO	37	4.9	37	4.9	44	5.8	68	8.9	80	10.4	71	9.3	22	2.9	35	4.7	87	11.8
SANTA BARBARA	27	6.2	10	2.3*	17	3.8*	17	3.8*	11	2.5*	27	6.0	18	4.0*	29	6.6	30	6.8
SANTA CLARA	81	4.3	225	11.8	78	4.1	153	7.9	240	12.4	166	8.6	74	3.8	120	6.3	180	9.6
SANTA CRUZ	8	2.9*	10	3.6*	20	7.3	12	4.4*	27	9.9	53	19.5	10	3.7*	11	4.2*	28	10.6
SHASTA	0	-	3	1.7*	2	1.1*	0	-	3	1.7*	1	0.6*	1	0.5*	1	0.5*	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	1	2.3*	0	-	0	-	0	-	0	-	0	-
SOLANO	12	2.8*	17	3.9*	41	9.3	31	7.0	30	6.7	54	12.0	7	1.5*	24	5.3	34	7.6
SONOMA	11	2.2*	10	2.0*	12	2.4*	35	7.0	71	14.3	51	10.4	25	5.1	17	3.5*	27	5.6
STANISLAUS	19	3.6	20	3.7	134	24.8	53	9.7	44	8.0	31	5.6	17	3.1*	24	4.3	27	4.9
SUTTER	7	7.4*	5	5.2*	2	2.1*	1	1.0*	1	1.0*	1	1.0*	2	2.0*	0	-	1	1.0*
TEHAMA	0	-	0	-	0	-	0	-	0	-	1	1.5*	2	3.0*	1	1.5*	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	5	1.1*	20	4.3	10	2.2*	9	1.9*	5	1.1*	12	2.5*	5	1.1*	15	3.2*	11	2.3*
TUOLUMNE	1	1.8*	1	1.8*	0	-	3	5.5*	2	3.6*	0	-	0	-	0	-	0	-
VENTURA	17	2.0*	23	2.7	31	3.6	57	6.7	67	7.9	58	6.9	51	6.0	33	3.9	76	9.2
YOLO	8	3.9*	15	7.1*	12	5.6*	7	3.3*	10	4.6*	17	7.9*	4	1.8*	9	4.2*	14	6.3*
YUBA	1	1.3*	2	2.6*	1	1.3*	0	-	0	-	4	5.0*	0	-	0	-	1	1.2*

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Shigellosis

Shigellosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	1,644	2,198	2,076	2,655	3,441	3,460	1,800	2,595	3,770	
JANUARY	62	123	145	175	223	287	254	106	262	
FEBRUARY	84	103	119	167	184	212	159	119	255	
MARCH	55	119	113	149	177	256	130	133	282	
APRIL	74	98	117	158	214	201	66	174	287	
MAY	99	143	107	194	252	273	84	226	288	
JUNE	85	144	160	186	258	266	96	201	294	
JULY	142	189	217	254	374	380	145	262	320	
AUGUST	190	214	272	321	410	379	188	250	401	
SEPTEMBER	240	220	237	294	395	298	226	288	376	
OCTOBER	207	436	226	302	329	363	221	303	466	
NOVEMBER	167	247	195	247	376	278	148	284	297	
DECEMBER	239	162	168	208	249	267	83	249	242	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Shigellosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1,644	4.3	2,198	5.6	2,076	5.3	2,655	6.8	3,441	8.7	3,460	8.8	1,800	4.6	2,595	6.6	3,770	9.7
FEMALE	610	3.1	880	4.5	767	3.9	1,013	5.1	1,302	6.6	1,280	6.4	576	2.9	829	4.2	1,252	6.4
MALE	895	4.7	1,316	6.8	1,305	6.7	1,634	8.4	2,135	10.9	2,174	11.1	1,217	6.2	1,758	9.0	2,507	12.9
UNKNOWN	139	-	2	-	4	-	8	-	4	-	6	-	7	-	8	-	11	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Shigellosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1,644	4.3	2,198	5.6	2,076	5.3	2,655	6.8	3,441	8.7	3,460	8.8	1,800	4.6	2,595	6.6	3,770	9.7
0	8	1.6*	7	1.4*	9	1.8*	11	2.3*	15	3.3*	12	2.7*	5	1.1*	10	2.3*	18	4.0*
1-4	162	8.1	197	9.9	181	9.1	208	10.6	226	11.6	213	11.2	126	6.6	131	7.1	180	10.1
5-9	178	7.0	192	7.6	201	7.9	190	7.6	186	7.4	172	6.9	81	3.1	94	3.7	150	5.9
10-14	61	2.4	86	3.4	84	3.3	95	3.7	112	4.4	99	3.9	61	2.3	74	2.8	88	3.4
15-24	155	2.8	237	4.2	212	3.8	264	4.8	334	6.2	325	6.1	177	3.1	268	4.8	332	6.0
25-34	254	4.7	406	7.5	381	7.1	485	9.0	710	13.3	674	12.6	358	6.7	549	10.3	773	14.5
35-44	248	4.8	309	6.0	269	5.2	362	7.0	530	10.2	537	10.4	303	6.1	456	9.4	680	14.2
45-54	277	5.2	369	7.0	314	6.0	448	8.6	549	10.7	550	10.8	286	5.9	363	7.6	554	11.8
55-64	168	3.7	241	5.1	243	5.1	309	6.3	429	8.7	512	10.3	245	5.1	381	8.0	557	11.9
65+	131	2.6	152	2.9	180	3.3	279	4.9	345	5.8	362	5.8	157	2.5	260	4.0	433	6.5
UNKNOWN	2	-	2	-	2	-	4	-	5	-	4	-	1	-	9	-	5	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

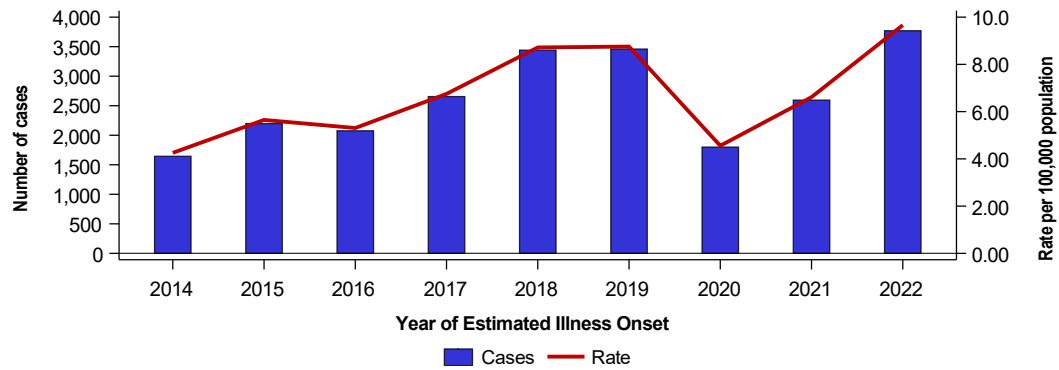
*Potentially unreliable rate: relative standard error 23 percent or more.

Shigellosis, Cases by Race/Ethnicity, California, 2014-2022

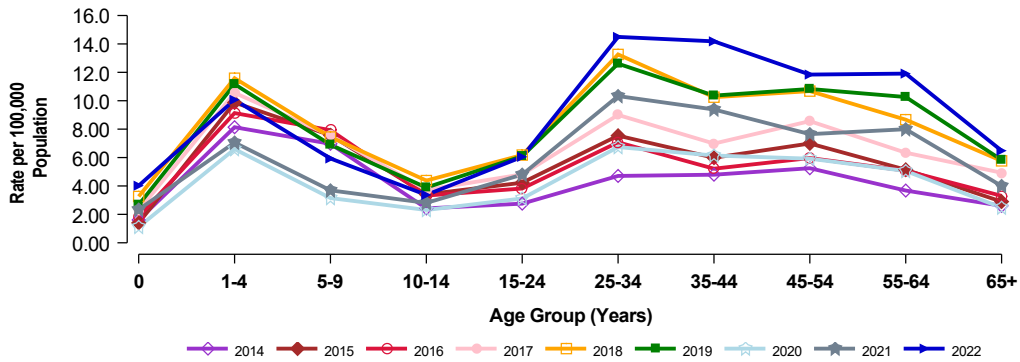
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	1,644	2,198	2,076	2,655	3,441	3,460	1,800	2,595	3,770	
WHITE, NON-HISPANIC	575	731	787	972	1,222	1,157	577	829	1,219	
HISPANIC/LATINO	612	869	791	975	1,214	1,342	687	1,027	1,255	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	86	87	78	151	218	204	88	109	194	
BLACK, NON-HISPANIC	84	191	180	179	252	210	164	203	277	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	3	8	4	10	9	5	3	6	19	
MULTIPLE RACE, NON-HISPANIC	8	8	11	12	22	35	15	19	33	
OTHER, NON-HISPANIC	13	21	59	140	162	169	89	148	262	
UNKNOWN	263	283	166	216	342	338	177	254	511	

For inclusion/exclusion criteria, please refer to the Technical Notes.

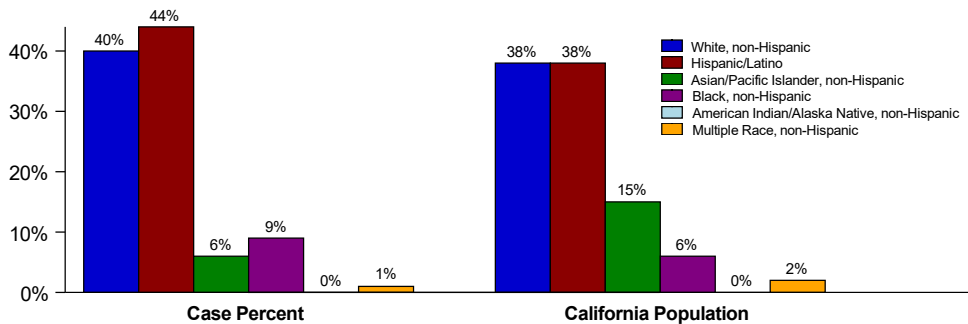
Shigellosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



Shigellosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2014-2022



Shigellosis Cases and Population by Race/Ethnicity, California, 2014-2022



10.8% (n=2550) of reported incidents of Shigellosis did not identify race/ethnicity and 4.5% (n=1063) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Spotted Fever Rickettsiosis

Spotted Fever Rickettsiosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	11	0.0*	11	0.0*	15	0.0*	17	0.0*	14	0.0*	16	0.0*	2	0.0*	8	0.0*	12	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	1	0.1*	4	0.2*	4	0.2*	1	0.1*	3	0.2*	0	-	1	0.1*	0	-
ALAMEDA	0	-	1	0.1*	3	0.2*	4	0.3*	0	-	1	0.1*	0	-	1	0.1*	0	-
BERKELEY	1	0.8*	0	-	1	0.8*	0	-	1	0.8*	2	1.6*	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	1	2.6*	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	1	0.5*	0	-
FRESNO	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	2	1.1*	1	0.6*	0	-	1	0.6*	1	0.6*	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	1	1.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	0	-	2	0.0*	4	0.0*	1	0.0*	1	0.0*	0	-	2	0.0*	7	0.1*
LOS ANGELES	0	-	0	-	1	0.0*	3	0.0*	1	0.0*	1	0.0*	0	-	2	0.0*	7	0.1*
LONG BEACH	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	1	0.7*	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	1	1.1*	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	2	0.1*	0	-	1	0.0*	0	-	2	0.1*	0	-	1	0.0*	1	0.0*
PLACER	0	-	0	-	1	0.3*	0	-	1	0.3*	1	0.2*	1	0.2*	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.0*	0	-	0	-	2	0.1*	2	0.1*	0	-	0	-	0	-	1	0.0*
SACRAMENTO	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	2	0.1*	0	-	0	-	0	-
SAN DIEGO	2	0.1*	2	0.1*	2	0.1*	3	0.1*	1	0.0*	1	0.0*	1	0.0*	1	0.0*	2	0.1*
SAN FRANCISCO	0	-	0	-	0	-	1	0.1*	2	0.2*	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-
SAN MATEO	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*
SONOMA	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Spotted Fever Rickettsiosis

Spotted Fever Rickettsiosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	11	11	15	17	14	16	2	8	12	
JANUARY	1	0	2	2	0	0	0	0	0	
FEBRUARY	0	0	1	1	0	1	0	1	0	
MARCH	0	2	0	0	2	0	1	0	0	
APRIL	0	1	0	1	2	2	0	0	0	
MAY	3	2	1	2	3	1	0	2	3	
JUNE	1	2	0	1	1	1	0	0	2	
JULY	3	1	2	1	3	3	0	3	2	
AUGUST	1	1	4	1	0	1	0	0	3	
SEPTEMBER	1	1	1	3	2	2	1	2	0	
OCTOBER	0	0	4	1	1	3	0	0	1	
NOVEMBER	1	0	0	3	0	1	0	0	0	
DECEMBER	0	1	0	1	0	1	0	0	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Spotted Fever Rickettsiosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	11	0.0*	11	0.0*	15	0.0*	17	0.0*	14	0.0*	16	0.0*	2	0.0*	8	0.0*	12	0.0*
FEMALE	5	0.0*	4	0.0*	6	0.0*	6	0.0*	5	0.0*	6	0.0*	1	0.0*	3	0.0*	2	0.0*
MALE	6	0.0*	7	0.0*	9	0.0*	11	0.1*	9	0.0*	10	0.1*	1	0.0*	5	0.0*	10	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Spotted Fever Rickettsiosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	11	0.0*	11	0.0*	15	0.0*	17	0.0*	14	0.0*	16	0.0*	2	0.0*	8	0.0*	12	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
5-9	0	-	0	-	0	-	0	-	0	-	2	0.1*	0	-	1	0.0*	0	-
10-14	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-
15-24	1	0.0*	4	0.1*	1	0.0*	0	-	2	0.0*	0	-	0	-	0	-	1	0.0*
25-34	1	0.0*	3	0.1*	4	0.1*	3	0.1*	3	0.1*	1	0.0*	0	-	0	-	3	0.1*
35-44	2	0.0*	1	0.0*	2	0.0*	4	0.1*	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*
45-54	1	0.0*	1	0.0*	2	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	1	0.0*
55-64	2	0.0*	1	0.0*	3	0.1*	2	0.0*	5	0.1*	3	0.1*	1	0.0*	1	0.0*	0	-
65+	4	0.1*	1	0.0*	3	0.1*	6	0.1*	2	0.0*	8	0.1*	0	-	5	0.1*	5	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

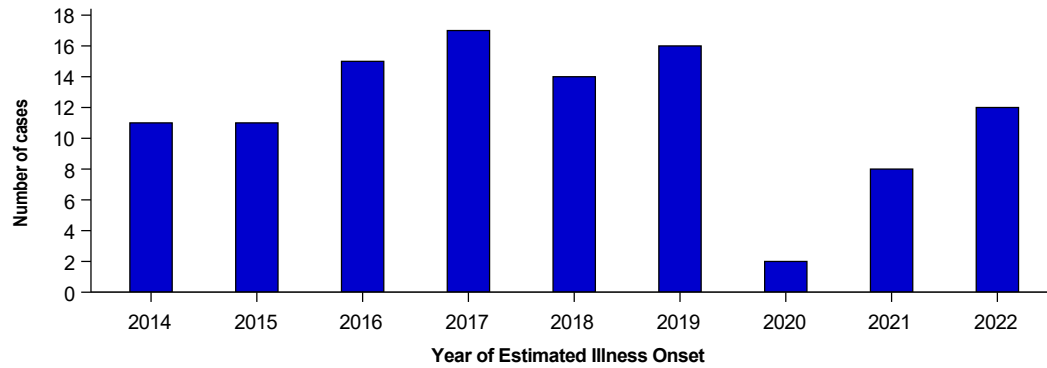
*Potentially unreliable rate: relative standard error 23 percent or more.

Spotted Fever Rickettsiosis, Cases by Race/Ethnicity, California, 2014-2022

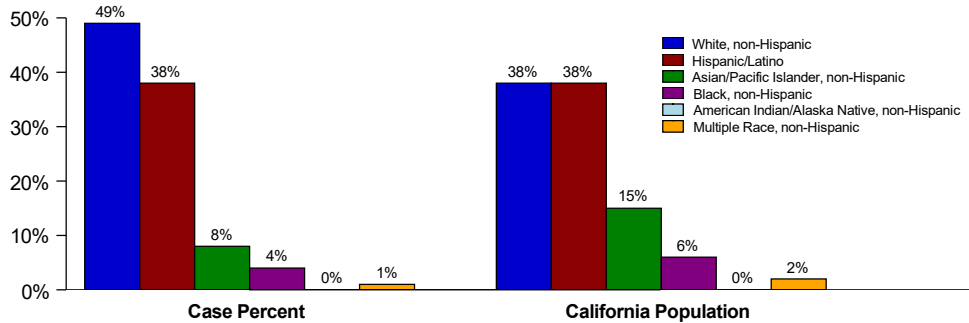
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	11	11	15	17	14	16	2	8	12	
WHITE, NON-HISPANIC	3	4	6	4	3	7	1	1	6	
HISPANIC/LATINO	5	4	0	5	3	3	0	2	5	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	2	1	0	2	0	1	0	
BLACK, NON-HISPANIC	1	0	0	1	1	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	1	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	1	1	1	0	0	0	1	
UNKNOWN	2	3	6	4	6	4	1	4	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Spotted Fever Rickettsiosis Cases by Year of Estimated Illness Onset, California, 2014-2022



Spotted Fever Rickettsiosis Cases and Population by Race/Ethnicity, California, 2014-2022



28.3% (n=30) of reported incidents of Spotted Fever Rickettsiosis did not identify race/ethnicity and 3.8% (n=4) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Trichinosis

Trichinosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	3	0.0*	0		8	0.0*	8	0.0*	0		0		1	0.0*	0		0	
ALAMEDA COUNTY TOTAL	0	-	0	-	8	0.5*	3	0.2*	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	8	0.5*	2	0.1*	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	1	0.1*	0	-	0	-	5	0.3*	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Trichinosis

Trichinosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	3	0	8	8	0	0	1	0	0	
JANUARY	0	0	0	3	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	
MARCH	0	0	0	1	0	0	0	0	0	
APRIL	0	0	0	3	0	0	0	0	0	
MAY	2	0	0	1	0	0	0	0	0	
JUNE	0	0	0	0	0	0	0	0	0	
JULY	0	0	0	0	0	0	0	0	0	
AUGUST	0	0	0	0	0	0	1	0	0	
SEPTEMBER	0	0	0	0	0	0	0	0	0	
OCTOBER	1	0	0	0	0	0	0	0	0	
NOVEMBER	0	0	0	0	0	0	0	0	0	
DECEMBER	0	0	8	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Trichinosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	0	-	8	0.0*	8	0.0*	0	-	0	-	1	0.0*	0	-	0	-
FEMALE	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-
MALE	2	0.0*	0	-	8	0.0*	7	0.0*	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Trichinosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	0	-	8	0.0*	8	0.0*	0	-	0	-	1	0.0*	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	1	0.0*	0	-	0	-	3	0.1*	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-
45-54	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
55-64	1	0.0*	0	-	6	0.1*	1	0.0*	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Trichinosis, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	3	0	8	8	0	0	1	0	0		
WHITE, NON-HISPANIC	1	0	0	3	0	0	0	0	0		
HISPANIC/LATINO	0	0	0	1	0	0	1	0	0		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	2	0	8	2	0	0	0	0	0		
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	1	0	0	0	0	0		
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
UNKNOWN	0	0	0	1	0	0	0	0	0		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Tularemia

Tularemia, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2014		2015		2016		2017		2018		2019		2020		2021		2022			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	0		2	0.0*	2	0.0*	5	0.0*	4	0.0*	4	0.0*	4	0.0*	2	0.0*	1	0.0*		
ALAMEDA COUNTY TOTAL	0		0	-	1	0.1*	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-		
ALAMEDA	0		0	-	1	0.1*	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-		
BERKELEY	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
ALPINE	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
AMADOR	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
BUTTE	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
CALAVERAS	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
COLUSA	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
CONTRA COSTA	0		0	-	0	-	0	-	0	-	0	-	2	0.2*	0	-	0	-		
DEL NORTE	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
EL DORADO	0		1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
FRESNO	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
GLENN	0		0	-	0	-	0	-	1	3.6*	0	-	0	-	0	-	0	-		
HUMBOLDT	0		0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-		
IMPERIAL	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
INYO	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
KERN	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
KINGS	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
LAKE	0		0	-	1	1.5*	1	1.5*	1	1.5*	0	-	0	-	0	-	0	-		
LASSEN	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
LOS ANGELES COUNTY TOTAL	0		0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-		
LOS ANGELES	0		0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-		
LONG BEACH	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
PASADENA	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MADERA	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MARIN	0		0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*		
MARIPOSA	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MENDOCINO	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MERCED	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MODOC	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MONO	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MONTEREY	0		0	-	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-		
NAPA	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
NEVADA	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
ORANGE	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
PLACER	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
PLUMAS	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
RIVERSIDE	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SACRAMENTO	0		0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-		
SAN BENITO	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN BERNARDINO	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN DIEGO	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN FRANCISCO	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN JOAQUIN	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN LUIS OBISPO	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN MATEO	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SANTA BARBARA	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SANTA CLARA	0		0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-		
SANTA CRUZ	0		0	-	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*	0	-		
SHASTA	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SIERRA	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SISKIYOU	0		0	-	0	-	0	-	0	-	1	2.3*	0	-	0	-	0	-		
SOLANO	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SONOMA	0		1	0.2*	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-		
STANISLAUS	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SUTTER	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
TEHAMA	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
TRINITY	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
TULARE	0		0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-		
TUOLUMNE	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
VENTURA	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
YOLO	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
YUBA	0		0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Tularemia

Tularemia, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	0	2	2	5	4	4	4	2	1	
JANUARY	0	0	0	0	1	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	
MARCH	0	0	0	1	0	0	1	0	0	
APRIL	0	0	0	0	1	0	0	0	0	
MAY	0	0	0	0	1	2	0	0	1	
JUNE	0	0	1	0	0	1	0	0	0	
JULY	0	0	0	2	1	1	0	2	0	
AUGUST	0	2	0	1	0	0	0	0	0	
SEPTEMBER	0	0	0	0	0	0	1	0	0	
OCTOBER	0	0	0	0	0	0	2	0	0	
NOVEMBER	0	0	0	0	0	0	0	0	0	
DECEMBER	0	0	1	1	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Tularemia, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	2	0.0*	2	0.0*	5	0.0*	4	0.0*	4	0.0*	4	0.0*	2	0.0*	1	0.0*
FEMALE	0	-	1	0.0*	0	-	3	0.0*	2	0.0*	2	0.0*	1	0.0*	1	0.0*	0	-
MALE	0	-	1	0.0*	2	0.0*	2	0.0*	2	0.0*	2	0.0*	3	0.0*	1	0.0*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Tularemia, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	2	0.0*	2	0.0*	5	0.0*	4	0.0*	4	0.0*	4	0.0*	2	0.0*	1	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	1	0.0*	0	-	1	0.0*	2	0.1*	0	-	0	-	0	-
10-14	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
35-44	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	1	0.0*	0	-	2	0.0*	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	1	0.0*
65+	0	-	2	0.0*	1	0.0*	2	0.0*	1	0.0*	0	-	3	0.0*	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

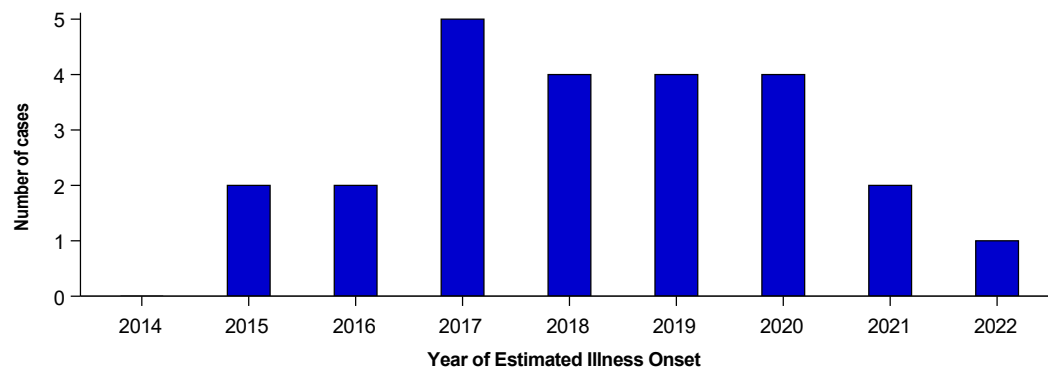
*Potentially unreliable rate: relative standard error 23 percent or more.

Tularemia, Cases by Race/Ethnicity, California, 2014-2022

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	0	2	2	5	4	4	4	2	1		
WHITE, NON-HISPANIC	0	2	0	1	3	1	3	1	1		
HISPANIC/LATINO	0	0	0	2	0	2	0	0	0		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	1	0	0		
BLACK, NON-HISPANIC	0	0	1	0	0	0	0	0	0		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	1	0	0	0		
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
UNKNOWN	0	0	1	2	1	0	0	1	0		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Tularemia Cases by Year of Estimated Illness Onset, California, 2014-2022



Typhoid Fever

Typhoid Fever, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	72	0.2	59	0.2	61	0.2	77	0.2	78	0.2	97	0.2	49	0.1	55	0.1	84	0.2
ALAMEDA COUNTY TOTAL	12	0.7*	8	0.5*	9	0.5*	12	0.7*	6	0.4*	7	0.4*	7	0.4*	2	0.1*	9	0.5*
ALAMEDA	11	0.7*	7	0.5*	9	0.6*	11	0.7*	5	0.3*	7	0.5*	6	0.4*	2	0.1*	9	0.6*
BERKELEY	1	0.8*	1	0.8*	0	-	1	0.8*	1	0.8*	0	-	1	0.8*	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	5	0.4*	2	0.2*	5	0.4*	0	-	8	0.7*	7	0.6*	3	0.3*	3	0.3*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	0	-	1	0.1*	6	0.6*	1	0.1*	0	-	1	0.1*	2	0.2*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	1	0.6*	1	0.6*	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	2	0.2*	1	0.1*	1	0.1*	0	-	0	-	5	0.6*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	18	0.2*	13	0.1*	11	0.1*	9	0.1*	13	0.1*	27	0.3	12	0.1*	15	0.2*	16	0.2*
LOS ANGELES	15	0.2*	13	0.1*	11	0.1*	8	0.1*	13	0.1*	26	0.3	11	0.1*	14	0.1*	16	0.2*
LONG BEACH	3	0.6*	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*	0	-	0	-
PASADENA	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	1	0.7*	0	-
MADERA	0	-	0	-	1	0.7*	2	1.3*	0	-	0	-	0	-	0	-	0	-
MARIN	1	0.4*	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	1	5.7*	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
NAPA	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-
ORANGE	3	0.1*	3	0.1*	4	0.1*	7	0.2*	3	0.1*	7	0.2*	1	0.0*	3	0.1*	11	0.3*
PLACER	0	-	1	0.3*	0	-	0	-	1	0.3*	0	-	1	0.2*	2	0.5*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.0*	0	-	1	0.0*	3	0.1*	1	0.0*	0	-	2	0.1*	3	0.1*
SACRAMENTO	2	0.1*	1	0.1*	2	0.1*	4	0.3*	6	0.4*	5	0.3*	5	0.3*	7	0.4*	2	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	1	0.0*	1	0.0*	2	0.1*	2	0.1*	2	0.1*	0	-	3	0.1*	0	-
SAN DIEGO	3	0.1*	5	0.2*	5	0.2*	2	0.1*	4	0.1*	5	0.2*	4	0.1*	9	0.3*	13	0.4*
SAN FRANCISCO	0	-	1	0.1*	3	0.3*	3	0.3*	3	0.3*	4	0.5*	1	0.1*	1	0.1*	0	-
SAN JOAQUIN	1	0.1*	2	0.3*	2	0.3*	4	0.5*	7	0.9*	0	-	2	0.3*	1	0.1*	3	0.4*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	1	0.4*
SAN MATEO	1	0.1*	2	0.3*	2	0.3*	1	0.1*	1	0.1*	4	0.5*	0	-	2	0.3*	2	0.3*
SANTA BARBARA	1	0.2*	2	0.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	17	0.9*	15	0.8*	9	0.5*	18	0.9*	12	0.6*	19	1.0	9	0.5*	3	0.2*	13	0.7*
SANTA CRUZ	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	2	0.5*	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	1	0.2*	0	-	0	-
SONOMA	0	-	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	0	-	0	-	1	0.2*
STANISLAUS	0	-	0	-	1	0.2*	0	-	0	-	2	0.4*	0	-	0	-	1	0.2*
SUTTER	3	3.2*	0	-	2	2.1*	0	-	0	-	1	1.0*	1	1.0*	0	-	1	1.0*
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	4	0.5*	1	0.1*	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	1	0.5*	0	-	0	-	1	0.5*	0	-	1	0.4*
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Typhoid Fever

Typhoid Fever, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	72	59	61	77	78	97	49	55	84	
JANUARY	8	6	11	13	5	14	15	1	7	
FEBRUARY	5	7	2	5	1	15	11	4	5	
MARCH	6	1	5	4	5	3	6	5	13	
APRIL	3	4	4	5	15	7	2	3	8	
MAY	9	6	9	2	8	6	3	12	6	
JUNE	3	3	6	8	4	13	3	6	9	
JULY	17	5	8	9	11	11	3	4	7	
AUGUST	9	9	3	8	8	13	0	6	9	
SEPTEMBER	5	1	4	9	7	6	3	6	6	
OCTOBER	4	6	2	1	2	3	2	2	3	
NOVEMBER	1	2	1	7	5	2	1	4	4	
DECEMBER	2	9	6	6	7	4	0	2	7	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Typhoid Fever, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	72	0.2	59	0.2	61	0.2	77	0.2	78	0.2	97	0.2	49	0.1	55	0.1	84	0.2
FEMALE	31	0.2	23	0.1	28	0.1	39	0.2	39	0.2	54	0.3	26	0.1	20	0.1	36	0.2
MALE	41	0.2	36	0.2	33	0.2	38	0.2	39	0.2	43	0.2	23	0.1	35	0.2	48	0.2

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Typhoid Fever, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	72	0.2	59	0.2	61	0.2	77	0.2	78	0.2	97	0.2	49	0.1	55	0.1	84	0.2
0	0	-	0	-	0	-	0	-	1	0.2*	3	0.7*	0	-	0	-	0	-
1-4	7	0.4*	5	0.3*	4	0.2*	13	0.7*	5	0.3*	4	0.2*	8	0.4*	1	0.1*	5	0.3*
5-9	14	0.5*	6	0.2*	6	0.2*	6	0.2*	5	0.2*	13	0.5*	4	0.2*	5	0.2*	8	0.3*
10-14	5	0.2*	5	0.2*	2	0.1*	5	0.2*	7	0.3*	11	0.4*	4	0.2*	9	0.3*	13	0.5*
15-24	9	0.2*	9	0.2*	6	0.1*	9	0.2*	16	0.3*	19	0.4	6	0.1*	11	0.2*	4	0.1*
25-34	19	0.4	16	0.3*	16	0.3*	16	0.3*	11	0.2*	23	0.4	11	0.2*	7	0.1*	18	0.3*
35-44	6	0.1*	9	0.2*	8	0.2*	8	0.2*	16	0.3*	9	0.2*	6	0.1*	10	0.2*	10	0.2*
45-54	5	0.1*	5	0.1*	12	0.2*	8	0.2*	9	0.2*	7	0.1*	5	0.1*	5	0.1*	12	0.3*
55-64	3	0.1*	1	0.0*	6	0.1*	7	0.1*	4	0.1*	5	0.1*	3	0.1*	2	0.0*	4	0.1*
65+	4	0.1*	2	0.0*	1	0.0*	5	0.1*	4	0.1*	3	0.0*	2	0.0*	5	0.1*	10	0.1*
UNKNOWN	0	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

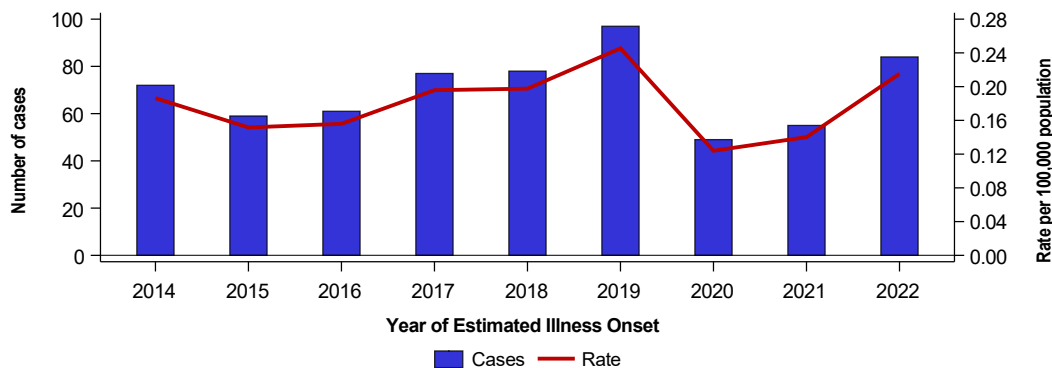
*Potentially unreliable rate: relative standard error 23 percent or more.

Typhoid Fever, Cases by Race/Ethnicity, California, 2014-2022

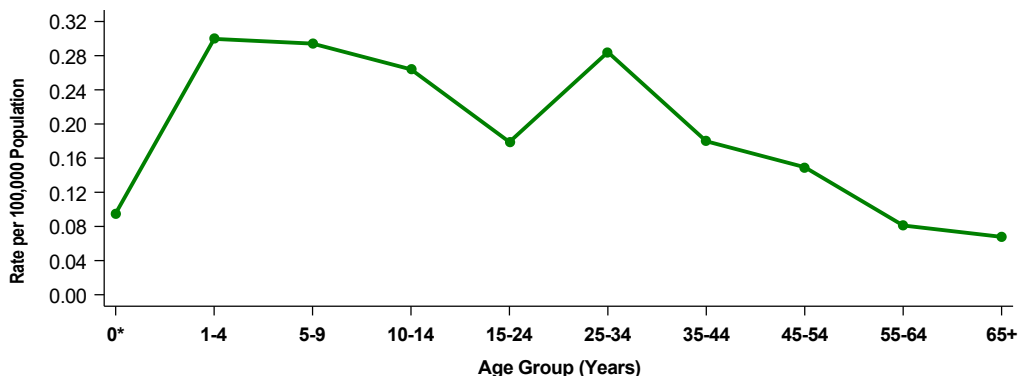
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2014	2015	2016	2017	2018	2019	2020	2021	2022		
TOTAL	72	59	61	77	78	97	49	55	84		
WHITE, NON-HISPANIC	3	3	3	6	3	6	2	4	8		
HISPANIC/LATINO	11	11	9	6	11	30	11	21	17		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	49	40	39	49	47	43	26	17	42		
BLACK, NON-HISPANIC	0	0	2	0	1	1	0	3	1		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	1	0	0	0	0	0	1		
MULTIPLE RACE, NON-HISPANIC	0	2	1	4	2	1	1	2	3		
OTHER, NON-HISPANIC	5	1	5	4	10	9	6	4	3		
UNKNOWN	4	2	1	8	4	7	3	4	9		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Typhoid Fever Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022

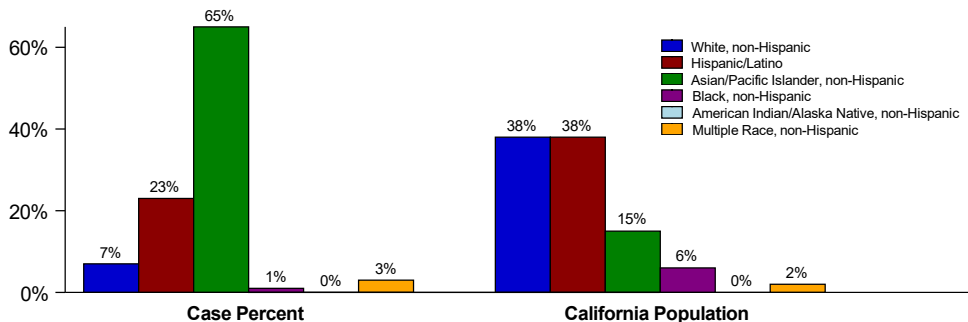


Typhoid Fever Average Incidence Rates by Age Group, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Typhoid Fever Cases and Population by Race/Ethnicity, California, 2014-2022



6.6% (n=42) of reported incidents of Typhoid Fever did not identify race/ethnicity and 7.4% (n=47) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Typhus Fever

Typhus Fever, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2014		2015		2016		2017		2018		2019		2020		2021		2022			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	68	0.2	81	0.2	95	0.2	98	0.2	165	0.4	139	0.4	108	0.3	210	0.5	216	0.6		
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*		
ALAMEDA	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*		
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
CONTRA COSTA	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-		
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*		
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
IMPERIAL	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-		
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
KERN	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
LOS ANGELES COUNTY TOTAL	50	0.5	63	0.6	76	0.8	83	0.8	142	1.4	114	1.1	87	0.9	173	1.7	178	1.8		
LOS ANGELES	41	0.4	51	0.5	45	0.5	65	0.7	104	1.1	93	1.0	75	0.8	140	1.5	159	1.7		
LONG BEACH	5	1.1*	7	1.5*	18	3.8*	10	2.1*	19	4.0	15	3.2*	11	2.4*	26	5.6	14	3.0*		
PASADENA	4	2.8*	5	3.5*	13	9.1*	8	5.6*	19	13.1	6	4.1*	1	0.7*	7	5.0*	5	3.6*		
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MARIN	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
ORANGE	16	0.5*	15	0.5*	17	0.5*	11	0.3*	20	0.6	18	0.6*	14	0.4*	25	0.8	30	1.0		
PLACER	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-		
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
RIVERSIDE	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	8	0.3*	5	0.2*		
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN BERNARDINO	0	-	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	3	0.1*	4	0.2*	1	0.0*		
SAN DIEGO	0	-	1	0.0*	0	-	2	0.1*	1	0.0*	1	0.0*	1	0.0*	0	-	0	-		
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SAN MATEO	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-		
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-		
SANTA CLARA	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-		
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
VENTURA	1	0.1*	0	-	0	-	0	-	0	-	2	0.2*	0	-	0	-	0	-		
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Typhus Fever

Typhus Fever, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	68	81	95	98	165	139	108	210	216	
JANUARY	3	6	2	2	3	6	8	4	8	
FEBRUARY	4	2	4	4	5	4	1	6	11	
MARCH	5	4	1	2	2	6	2	10	12	
APRIL	5	5	2	4	9	3	4	8	6	
MAY	8	8	4	16	14	9	4	20	25	
JUNE	6	16	13	11	15	20	7	22	18	
JULY	5	11	14	11	27	16	13	26	20	
AUGUST	12	10	12	13	24	23	12	22	30	
SEPTEMBER	6	4	15	7	22	12	19	26	30	
OCTOBER	5	9	10	12	19	15	15	18	19	
NOVEMBER	4	5	9	5	14	18	15	28	24	
DECEMBER	5	1	9	11	11	7	8	20	13	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Typhus Fever, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	68	0.2	81	0.2	95	0.2	98	0.2	165	0.4	139	0.4	108	0.3	210	0.5	216	0.6
FEMALE	33	0.2	33	0.2	43	0.2	45	0.2	62	0.3	54	0.3	50	0.3	83	0.4	95	0.5
MALE	35	0.2	48	0.2	52	0.3	53	0.3	103	0.5	85	0.4	58	0.3	127	0.7	121	0.6

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Typhus Fever, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	68	0.2	81	0.2	95	0.2	98	0.2	165	0.4	139	0.4	108	0.3	210	0.5	216	0.6
0	0	-	0	-	0	-	0	-	0	-	3	0.7*	0	-	0	-	0	-
1-4	1	0.1*	1	0.1*	1	0.1*	2	0.1*	2	0.1*	0	-	3	0.2*	4	0.2*	1	0.1*
5-9	1	0.0*	1	0.0*	5	0.2*	4	0.2*	7	0.3*	3	0.1*	5	0.2*	3	0.1*	4	0.2*
10-14	1	0.0*	3	0.1*	6	0.2*	4	0.2*	8	0.3*	5	0.2*	9	0.3*	20	0.8	21	0.8
15-24	12	0.2*	6	0.1*	13	0.2*	16	0.3*	14	0.3*	22	0.4	5	0.1*	25	0.4	24	0.4
25-34	6	0.1*	9	0.2*	14	0.3*	13	0.2*	25	0.5	15	0.3*	16	0.3*	29	0.5	38	0.7
35-44	12	0.2*	19	0.4	19	0.4	14	0.3*	26	0.5	22	0.4	22	0.4	27	0.6	38	0.8
45-54	13	0.2*	20	0.4	14	0.3*	21	0.4	35	0.7	20	0.4	19	0.4	36	0.8	34	0.7
55-64	10	0.2*	13	0.3*	10	0.2*	15	0.3*	23	0.5	32	0.6	13	0.3*	37	0.8	27	0.6
65+	12	0.2*	6	0.1*	13	0.2*	9	0.2*	25	0.4	16	0.3*	15	0.2*	29	0.4	29	0.4
UNKNOWN	0	-	3	-	0	-	0	-	0	-	1	-	1	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

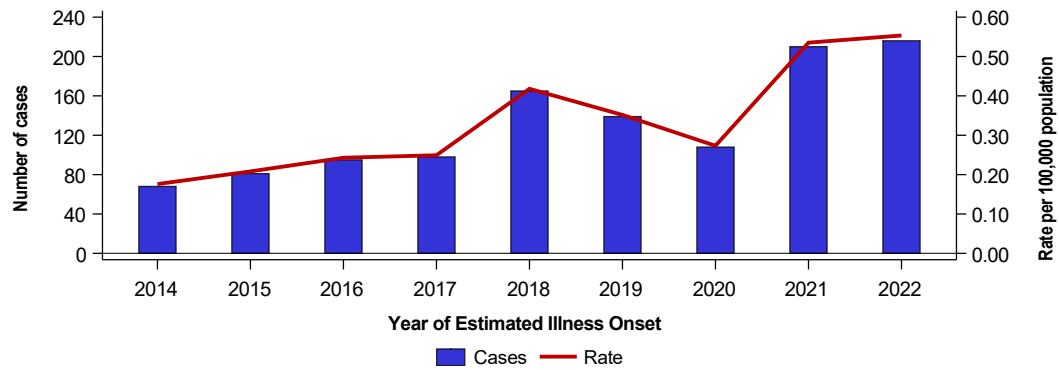
*Potentially unreliable rate: relative standard error 23 percent or more.

Typhus Fever, Cases by Race/Ethnicity, California, 2014-2022

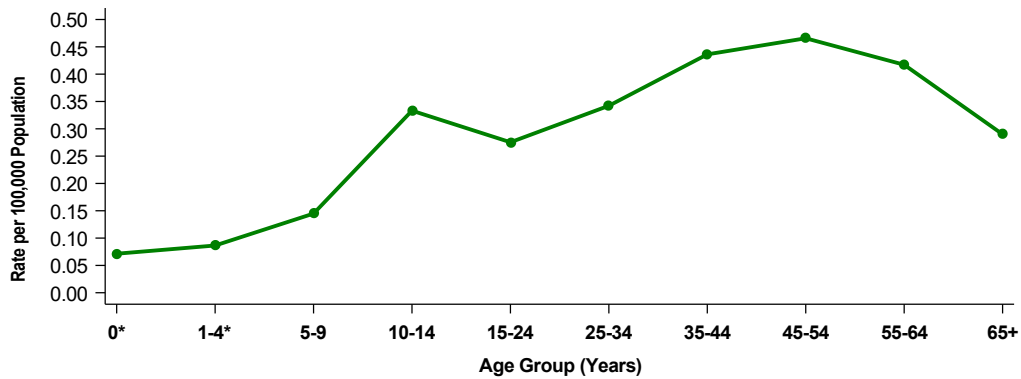
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	68	81	95	98	165	139	108	210	216	
WHITE, NON-HISPANIC	23	35	41	38	75	44	40	59	47	
HISPANIC/LATINO	24	28	28	41	54	64	49	94	119	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	7	3	6	6	12	11	4	21	11	
BLACK, NON-HISPANIC	1	5	3	2	6	7	5	14	12	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	1	2	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	1	0	0	0	
OTHER, NON-HISPANIC	1	2	6	3	5	2	3	17	17	
UNKNOWN	12	8	11	8	12	8	7	5	10	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Typhus Fever Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022

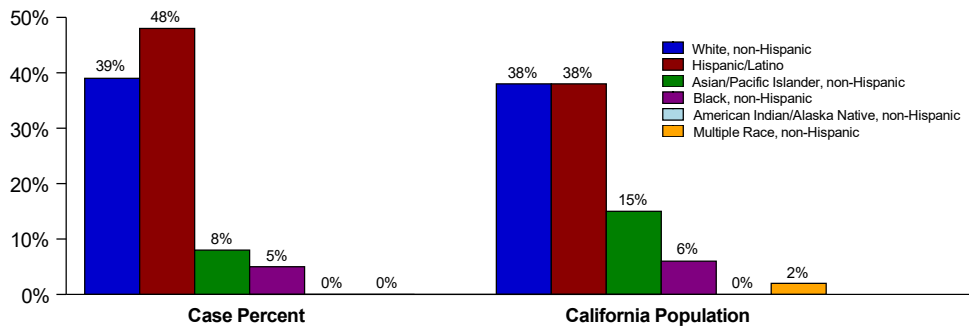


Typhus Fever Average Incidence Rates by Age Group, California, 2014-2022



*Potentially unreliable rate: relative standard error 23 percent or more.

Typhus Fever Cases and Population by Race/Ethnicity, California, 2014-2022



6.9% (n=81) of reported incidents of Typhus Fever did not identify race/ethnicity and 4.7% (n=56) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses)

No cases of Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses) were reported to CDPH with illness onset during 2014-2022

Yellow Fever

No cases of Yellow Fever were reported to CDPH with illness onset during 2014-2022

Yersiniosis

Yersiniosis, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	72	0.2	127	0.3	202	0.5	275	0.7	283	0.7	338	0.9	278	0.7	375	1.0	549	1.4
ALAMEDA COUNTY TOTAL	6	0.4*	7	0.4*	7	0.4*	8	0.5*	6	0.4*	5	0.3*	7	0.4*	10	0.6*	20	1.2
ALAMEDA	6	0.4*	7	0.5*	6	0.4*	7	0.5*	6	0.4*	5	0.3*	7	0.5*	9	0.6*	14	0.9*
BERKELEY	0	-	0	-	1	0.8*	1	0.8*	0	-	0	-	0	-	1	0.8*	6	4.9*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	1	2.6*	0	-	0	-	0	-	0	-	1	2.5*
BUTTE	2	0.9*	1	0.4*	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-
CALAVERAS	0	-	1	2.2*	1	2.2*	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	2	0.2*	0	-	1	0.1*	0	-	1	0.1*	5	0.4*	6	0.5*	13	1.1*	11	1.0*
DEL NORTE	0	-	1	3.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	1	0.5*	0	-	0	-	0	-	4	2.1*	1	0.5*	1	0.5*
FRESNO	2	0.2*	7	0.7*	11	1.1*	8	0.8*	9	0.9*	3	0.3*	1	0.1*	8	0.8*	11	1.1*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	3.5*	0	-
HUMBOLDT	1	0.7*	0	-	0	-	1	0.7*	1	0.7*	3	2.2*	0	-	0	-	6	4.5*
IMPERIAL	1	0.6*	0	-	0	-	0	-	0	-	5	2.8*	5	2.8*	5	2.8*	11	6.1*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.3*
KERN	0	-	2	0.2*	0	-	1	0.1*	10	1.1*	6	0.7*	8	0.9*	8	0.9*	7	0.8*
KINGS	0	-	0	-	1	0.7*	0	-	1	0.7*	0	-	1	0.7*	1	0.7*	7	4.6*
LAKE	0	-	0	-	4	6.0*	1	1.5*	2	2.9*	2	2.9*	2	3.0*	1	1.5*	2	3.0*
LASSEN	0	-	0	-	1	3.1*	0	-	0	-	1	3.0*	1	3.2*	0	-	0	-
LOS ANGELES COUNTY TOTAL	7	0.1*	20	0.2	44	0.4	70	0.7	89	0.9	67	0.7	54	0.5	107	1.1	133	1.4
LOS ANGELES	3	0.0*	19	0.2	39	0.4	65	0.7	82	0.9	62	0.6	53	0.6	99	1.1	121	1.3
LONG BEACH	3	0.6*	1	0.2*	4	0.8*	5	1.1*	7	1.5*	5	1.1*	1	0.2*	6	1.3*	7	1.5*
PASADENA	1	0.7*	0	-	1	0.7*	0	-	0	-	0	-	0	-	2	1.4*	5	3.6*
MADERA	0	-	0	-	1	0.7*	0	-	1	0.6*	0	-	0	-	0	-	1	0.6*
MARIN	1	0.4*	1	0.4*	3	1.1*	3	1.1*	4	1.5*	2	0.8*	3	1.1*	3	1.2*	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.9*
MENDOCINO	0	-	1	1.1*	1	1.1*	1	1.1*	0	-	2	2.2*	3	3.3*	4	4.4*	5	5.6*
MERCED	0	-	0	-	0	-	0	-	0	-	3	1.1*	0	-	0	-	1	0.4*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	7.5*	0	-
MONTEREY	0	-	1	0.2*	2	0.5*	2	0.5*	2	0.5*	10	2.3*	13	3.0*	9	2.1*	9	2.1*
NAPA	1	0.7*	0	-	1	0.7*	4	2.9*	0	-	2	1.4*	0	-	0	-	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	1	1.0*	0	-	1	1.0*	1	1.0*	0	-
ORANGE	3	0.1*	14	0.4*	22	0.7	15	0.5*	11	0.3*	35	1.1	26	0.8	25	0.8	55	1.7
PLACER	0	-	1	0.3*	0	-	0	-	0	-	1	0.2*	1	0.2*	3	0.7*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	1	5.0*	0	-	0	-	1	5.2*
RIVERSIDE	3	0.1*	7	0.3*	8	0.3*	9	0.4*	9	0.4*	16	0.7*	9	0.4*	18	0.7*	36	1.5
SACRAMENTO	1	0.1*	5	0.3*	6	0.4*	1	0.1*	2	0.1*	14	0.9*	7	0.4*	15	0.9*	9	0.6*
SAN BENITO	0	-	0	-	0	-	0	-	4	6.5*	3	4.7*	0	-	2	3.1*	2	3.0*
SAN BERNARDINO	3	0.1*	1	0.0*	3	0.1*	2	0.1*	9	0.4*	3	0.1*	3	0.1*	2	0.1*	8	0.4*
SAN DIEGO	13	0.4*	12	0.4*	14	0.4*	61	1.9	32	1.0	53	1.6	29	0.9	22	0.7	50	1.5
SAN FRANCISCO	4	0.5*	6	0.7*	4	0.5*	10	1.2*	4	0.5*	7	0.8*	6	0.7*	11	1.3*	13	1.6*
SAN JOAQUIN	2	0.3*	2	0.3*	0	-	1	0.1*	2	0.3*	1	0.1*	2	0.3*	3	0.4*	6	0.8*
SAN LUIS OBISPO	1	0.4*	2	0.7*	1	0.4*	4	1.4*	3	1.1*	5	1.8*	1	0.4*	6	2.2*	3	1.1*
SAN MATEO	4	0.5*	6	0.8*	3	0.4*	15	2.0*	11	1.4*	11	1.4*	10	1.3*	14	1.9*	20	2.7
SANTA BARBARA	0	-	5	1.1*	15	3.4*	6	1.3*	9	2.0*	6	1.3*	7	1.6*	11	2.5*	18	4.1*
SANTA CLARA	4	0.2*	4	0.2*	19	1.0	22	1.1	28	1.4	25	1.3	35	1.8	31	1.6	36	1.9
SANTA CRUZ	1	0.4*	0	-	1	0.4*	0	-	2	0.7*	2	0.7*	0	-	4	1.5*	5	1.9*
SHASTA	0	-	0	-	2	1.1*	3	1.7*	2	1.1*	1	0.6*	2	1.1*	3	1.6*	2	1.1*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	2	4.5*	0	-	0	-	1	2.3*	1	2.3*	0	-	0	-	0	-	0	-
SOLANO	0	-	2	0.5*	1	0.2*	0	-	0	-	2	0.4*	5	1.1*	4	0.9*	1	0.2*
SONOMA	0	-	0	-	1	0.2*	0	-	1	0.2*	1	0.2*	1	0.2*	1	0.2*	6	1.2*
STANISLAUS	0	-	0	-	3	0.6*	1	0.2*	2	0.4*	0	-	2	0.4*	0	-	3	0.5*
SUTTER	0	-	2	2.1*	1	1.0*	0	-	0	-	1	1.0*	0	-	2	2.0*	0	-
TEHAMA	0	-	2	3.1*	1	1.6*	0	-	0	-	0	-	1	1.5*	1	1.5*	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	0	-	1	0.2*	3	0.6*	5	1.1*	5	1.1*	7	1.5*	9	1.9*	19	4.0
TUOLUMNE	0	-	1	1.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	5	0.6*	11	1.3*	17	2.0*	21	2.5	19	2.2	23	2.7	10	1.2*	14	1.7*	26	3.1
YOLO	2	1.0*	1	0.5*	0	-	0	-	0	-	3	1.4*	5	2.3*	1	0.5*	0	-
YUBA	0	-	1	1.3*	0	-	0	-	0	-	2	2.5*	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Yersiniosis

Yersiniosis, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	72	127	202	275	283	338	278	375	549	
JANUARY	4	10	19	20	21	25	39	19	39	
FEBRUARY	5	6	12	15	24	20	20	22	28	
MARCH	9	8	16	22	21	25	34	25	47	
APRIL	8	13	15	27	24	35	19	35	42	
MAY	7	8	10	19	29	31	17	41	55	
JUNE	6	11	14	27	20	30	18	40	47	
JULY	3	10	28	21	27	35	25	33	53	
AUGUST	5	9	19	31	21	38	32	39	62	
SEPTEMBER	7	11	14	25	21	23	21	39	64	
OCTOBER	4	14	21	21	28	26	20	20	38	
NOVEMBER	8	10	18	24	20	29	24	32	33	
DECEMBER	6	17	16	23	27	21	9	30	41	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Yersiniosis, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	72	0.2	127	0.3	202	0.5	275	0.7	283	0.7	338	0.9	278	0.7	375	1.0	549	1.4
FEMALE	34	0.2	74	0.4	112	0.6	142	0.7	148	0.7	154	0.8	148	0.7	188	1.0	295	1.5
MALE	36	0.2	53	0.3	90	0.5	131	0.7	134	0.7	183	0.9	128	0.7	186	1.0	252	1.3
UNKNOWN	2	-	0	-	0	-	2	-	1	-	1	-	2	-	1	-	2	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Yersiniosis, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	72	0.2	127	0.3	202	0.5	275	0.7	283	0.7	338	0.9	278	0.7	375	1.0	549	1.4
0	7	1.4*	6	1.2*	12	2.5*	4	0.8*	6	1.3*	11	2.4*	12	2.7*	3	0.7*	9	2.0*
1-4	9	0.5*	10	0.5*	26	1.3	15	0.8*	21	1.1	17	0.9*	15	0.8*	22	1.2	32	1.8
5-9	4	0.2*	9	0.4*	5	0.2*	10	0.4*	10	0.4*	11	0.4*	4	0.2*	8	0.3*	20	0.8
10-14	2	0.1*	3	0.1*	6	0.2*	8	0.3*	14	0.5*	12	0.5*	3	0.1*	5	0.2*	13	0.5*
15-24	4	0.1*	8	0.1*	15	0.3*	29	0.5	19	0.4	27	0.5	22	0.4	25	0.4	41	0.7
25-34	10	0.2*	11	0.2*	11	0.2*	33	0.6	27	0.5	32	0.6	28	0.5	55	1.0	65	1.2
35-44	6	0.1*	8	0.2*	15	0.3*	29	0.6	24	0.5	30	0.6	21	0.4	33	0.7	51	1.1
45-54	7	0.1*	20	0.4	20	0.4	28	0.5	32	0.6	39	0.8	31	0.6	32	0.7	54	1.2
55-64	8	0.2*	22	0.5	26	0.5	40	0.8	45	0.9	53	1.1	32	0.7	58	1.2	77	1.6
65+	15	0.3*	30	0.6	66	1.2	79	1.4	85	1.4	105	1.7	110	1.7	133	2.0	187	2.8
UNKNOWN	0	-	0	-	0	-	0	-	0	-	1	-	0	-	1	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

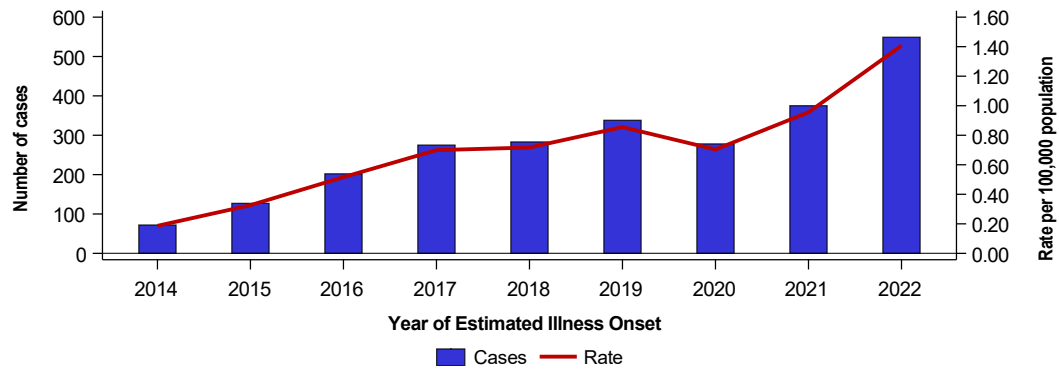
*Potentially unreliable rate: relative standard error 23 percent or more.

Yersiniosis, Cases by Race/Ethnicity, California, 2014-2022

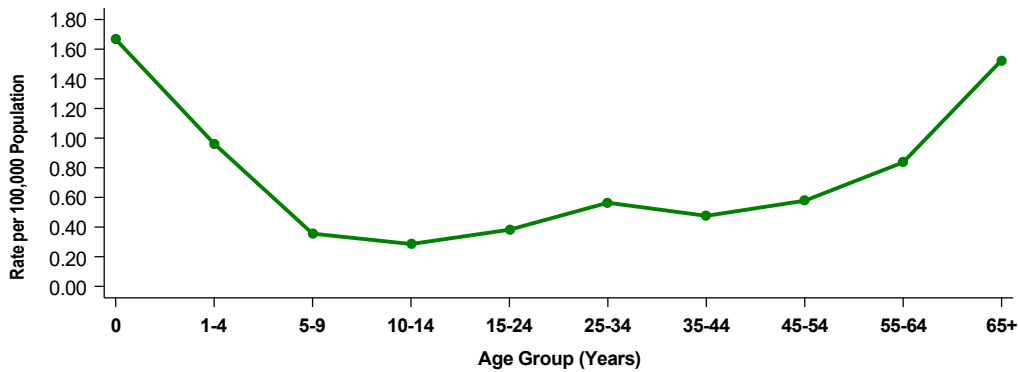
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	72	127	202	275	283	338	278	375	549	
WHITE, NON-HISPANIC	20	59	76	100	112	115	113	145	262	
HISPANIC/LATINO	14	17	39	38	49	37	34	78	89	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	9	12	24	29	28	36	24	27	40	
BLACK, NON-HISPANIC	2	4	6	8	13	9	8	12	17	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	1	0	0	0	1	0	1	2	
MULTIPLE RACE, NON-HISPANIC	1	0	3	2	3	0	3	4	3	
OTHER, NON-HISPANIC	1	1	2	5	10	20	9	15	25	
UNKNOWN	25	33	52	93	68	120	87	93	111	

For inclusion/exclusion criteria, please refer to the Technical Notes.

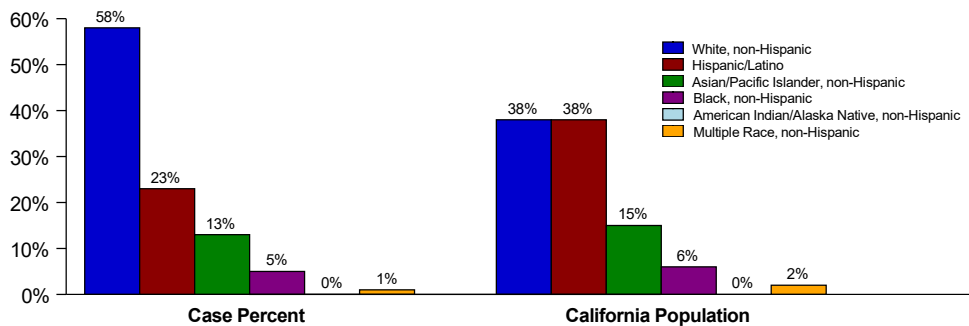
Yersiniosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2014-2022



Yersiniosis Average Incidence Rates by Age Group, California, 2014-2022



Yersiniosis Cases and Population by Race/Ethnicity, California, 2014-2022



27.3% (n=682) of reported incidents of Yersiniosis did not identify race/ethnicity and 3.5% (n=88) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Zika Virus Infection

Zika Virus Infection, Cases and Rates by Health Jurisdiction, California, 2014-2022

JURISDICTION	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	-	-	-	-	427		125	0.3	67	0.2	41	0.1	8	0.0*	2	0.0*	5	0.0*
ALAMEDA COUNTY TOTAL	-	-	-	-	30		10	0.6*	7	0.4*	2	0.1*	1	0.1*	0	-	1	0.1*
ALAMEDA	-	-	-	-	27		7	0.5*	5	0.3*	2	0.1*	1	0.1*	0	-	1	0.1*
BERKELEY	-	-	-	-	3		3	2.5*	2	1.6*	0	-	0	-	0	-	0	-
ALPINE	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	-	-	-	-	2		0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	-	-	-	-	22		4	0.3*	2	0.2*	3	0.3*	0	-	0	-	0	-
DEL NORTE	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	-	-	-	-	7		1	0.1*	0	-	0	-	0	-	0	-	0	-
GLENN	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	-	-	-	-	2		0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	-	-	-	-	0		1	0.6*	0	-	0	-	0	-	0	-	0	-
INYO	-	-	-	-	1		0	-	0	-	0	-	0	-	0	-	0	-
KERN	-	-	-	-	5		1	0.1*	0	-	0	-	0	-	0	-	0	-
KINGS	-	-	-	-	1		0	-	0	-	0	-	0	-	0	-	0	-
LAKE	-	-	-	-	1		0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	-	-	-	-	92		22	0.2	17	0.2*	7	0.1*	2	0.0*	0	-	2	0.0*
LOS ANGELES	-	-	-	-	85		21	0.2	13	0.1*	7	0.1*	2	0.0*	0	-	2	0.0*
LONG BEACH	-	-	-	-	6		1	0.2*	3	0.6*	0	-	0	-	0	-	0	-
PASADENA	-	-	-	-	1		0	-	1	0.7*	0	-	0	-	0	-	0	-
MADERA	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
MARIN	-	-	-	-	7		1	0.4*	1	0.4*	0	-	0	-	1	0.4*	0	-
MARIPOSA	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	-	-	-	-	0		1	1.1*	0	-	0	-	0	-	0	-	0	-
MERCED	-	-	-	-	1		1	0.4*	1	0.4*	0	-	0	-	0	-	0	-
MODOC	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
MONO	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	-	-	-	-	5		1	0.2*	0	-	0	-	0	-	0	-	0	-
NAPA	-	-	-	-	1		0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	-	-	-	-	1		0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	-	-	-	-	24		11	0.3*	4	0.1*	5	0.2*	1	0.0*	0	-	0	-
PLACER	-	-	-	-	1		0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	-	-	-	-	11		4	0.2*	1	0.0*	2	0.1*	0	-	0	-	0	-
SACRAMENTO	-	-	-	-	8		0	-	1	0.1*	1	0.1*	0	-	0	-	0	-
SAN BENITO	-	-	-	-	1		0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	-	-	-	-	15		7	0.3*	0	-	3	0.1*	3	0.1*	0	-	0	-
SAN DIEGO	-	-	-	-	69		20	0.6	8	0.2*	7	0.2*	0	-	0	-	1	0.0*
SAN FRANCISCO	-	-	-	-	25		9	1.0*	10	1.1*	3	0.3*	1	0.1*	1	0.1*	1	0.1*
SAN JOAQUIN	-	-	-	-	5		1	0.1*	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	-	-	-	-	1		0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	-	-	-	-	9		3	0.4*	5	0.7*	2	0.3*	0	-	0	-	0	-
SANTA BARBARA	-	-	-	-	8		2	0.4*	1	0.2*	0	-	0	-	0	-	0	-
SANTA CLARA	-	-	-	-	34		13	0.7*	7	0.4*	3	0.2*	0	-	0	-	0	-
SANTA CRUZ	-	-	-	-	3		0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	-	-	-	-	2		2	0.4*	0	-	1	0.2*	0	-	0	-	0	-
SONOMA	-	-	-	-	10		7	1.4*	1	0.2*	1	0.2*	0	-	0	-	0	-
STANISLAUS	-	-	-	-	3		0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	-	-	-	-	1		0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
TULARE	-	-	-	-	4		2	0.4*	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	-	-	-	-	0		0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	-	-	-	-	9		0	-	0	-	1	0.1*	0	-	0	-	0	-
YOLO	-	-	-	-	4		1	0.5*	1	0.5*	0	-	0	-	0	-	0	-
YUBA	-	-	-	-	2		0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection

Zika Virus Infection, Cases by Month of Estimated Illness Onset, California, 2014-2022

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	-	-	427	125	67	41	8	2	5	
JANUARY	-	-	-	17	7	2	0	0	0	
FEBRUARY	-	-	-	8	6	9	3	0	0	
MARCH	-	-	-	9	3	3	0	0	2	
APRIL	-	-	-	10	4	5	0	1	0	
MAY	-	-	-	18	7	3	0	0	0	
JUNE	-	-	34	9	4	2	1	0	1	
JULY	-	-	113	10	5	4	0	0	2	
AUGUST	-	-	117	10	6	5	1	1	0	
SEPTEMBER	-	-	47	8	4	4	0	0	0	
OCTOBER	-	-	47	12	12	4	3	0	0	
NOVEMBER	-	-	39	11	3	0	0	0	0	
DECEMBER	-	-	30	3	6	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection, Cases and Rates by Sex, California, 2014-2022

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	-	-	427	-	125	0.3	67	0.2	41	0.1	8	0.0*	2	0.0*	5	0.0*
FEMALE	-	-	-	-	277	-	97	0.5	55	0.3	34	0.2	7	0.0*	1	0.0*	4	0.0*
MALE	-	-	-	-	150	-	28	0.1	12	0.1*	7	0.0*	1	0.0*	1	0.0*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection, Cases and Rates by Age Group, California, 2014-2022

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2014		2015		2016		2017		2018		2019		2020		2021		2022	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	-	-	427	-	125	0.3	67	0.2	41	0.1	8	0.0*	2	0.0*	5	0.0*
0	-	-	-	-	3	-	10	2.1*	3	0.7*	0	-	0	-	0	-	1	0.2*
1-4	-	-	-	-	1	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
5-9	-	-	-	-	6	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
10-14	-	-	-	-	12	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
15-24	-	-	-	-	74	-	26	0.5	12	0.2*	10	0.2*	0	-	0	-	0	-
25-34	-	-	-	-	98	-	47	0.9	28	0.5	17	0.3*	4	0.1*	0	-	2	0.0*
35-44	-	-	-	-	96	-	23	0.4	16	0.3*	9	0.2*	4	0.1*	2	0.0*	0	-
45-54	-	-	-	-	73	-	9	0.2*	3	0.1*	2	0.0*	0	-	0	-	2	0.0*
55-64	-	-	-	-	37	-	4	0.1*	0	-	1	0.0*	0	-	0	-	0	-
65+	-	-	-	-	24	-	4	0.1*	5	0.1*	1	0.0*	0	-	0	-	0	-
UNKNOWN	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-

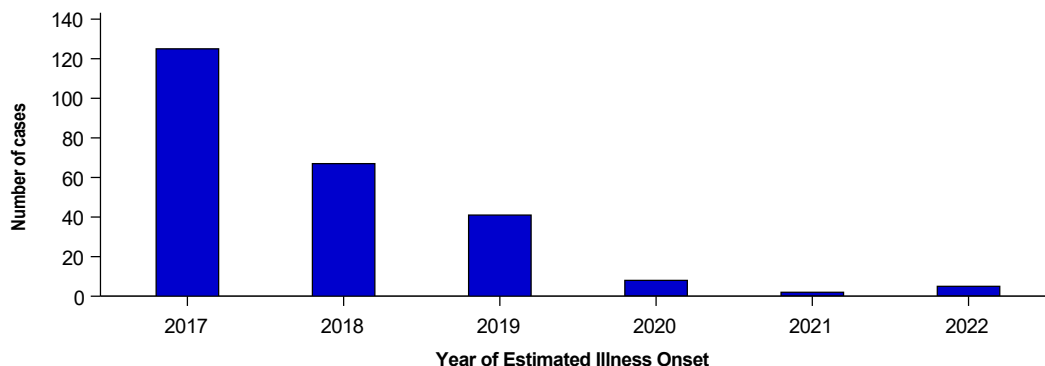
Rates are expressed as cases per 100,000 age group population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection, Cases by Race/Ethnicity, California, 2014-2022

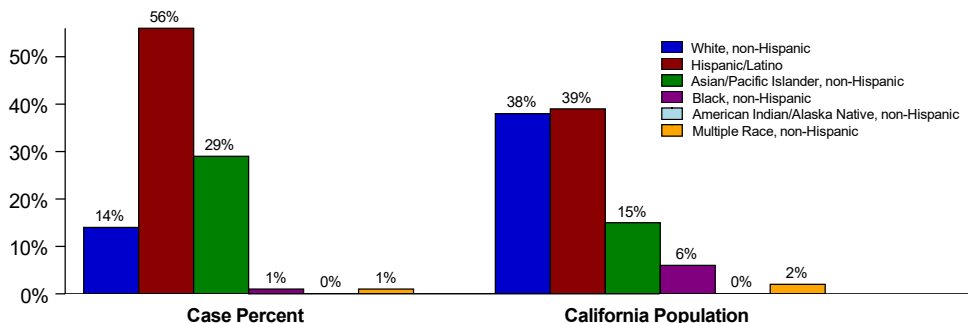
RACE ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	
TOTAL	-	-	427	125	67	41	8	2	5	
WHITE, NON-HISPANIC	-	-	82	16	3	0	0	1	1	
HISPANIC/LATINO	-	-	196	54	18	8	1	1	1	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	-	-	21	16	14	10	1	0	2	
BLACK, NON-HISPANIC	-	-	6	1	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	-	-	1	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	-	-	3	0	1	0	0	0	0	
OTHER, NON-HISPANIC	-	-	4	4	4	0	2	0	1	
UNKNOWN	-	-	114	34	27	23	4	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection Cases by Year of Estimated Illness Onset, California, 2017-2022



Zika Virus Infection Cases and Population by Race/Ethnicity, California, 2017-2022



35.5% (n=88) of reported incidents of Zika Virus Infection did not identify race/ethnicity and 4.4% (n=11) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.



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